

SECRETARY'S MESSAGE

One of SHOT's greatest assets, most of our members undoubtedly would agree, is our dedication to internationalization. Intellectually, comparative and collaborative cross-national research and dialogue make the history of technology infinitely richer. Organizationally, SHOT's reach across borders adds new perspective, opens invaluable opportunities for cooperation, and strengthens our base. The society's commitment to hold meetings outside the United States on a regular basis is a tangible expression of this philosophy and one that has been extremely successful. As David Hounshell details elsewhere in this issue, our upcoming Amsterdam meeting promises to be socially rewarding, intellectually fascinating, and definitely unusual. Where else in the world could we host tours featuring canals, WWII resistance history, water management, Van Gogh paintings, and a famous red light district? And for the very first time (to the best of my knowledge), a SHOT meeting will include a dance party – be sure to pack clothes to shine in our society's own version of "Dance Fever"!

Other highlights will include the Presidential Address, a Thursday evening plenary, a Friday multi-media presentation and debate on "Inventing National Identities in the Netherlands," plus a special focus on water history. We will also enjoy the customary receptions, banquet, SIG meetings, book display, and of course, many very intriguing paper sessions. It looks as if the only thing not on the schedule may be sleep - which would be a shame, given the fantastic hotel accommodations - but you can always catch up on the airplane or train ride home. Then you have a year to recuperate before our 2005 meeting in Minneapolis!

With all that offered, don't let yourself miss it – as we noted in our April newsletter, deadlines are approaching very soon! Our special room rates at

conference hotels are only guaranteed until August 1, which is also the cutoff date for early registration. Whether you have your heart set on the bordello tour, the Rotterdam tour, or anything else, it'll be good to sign up earlier rather than later. Annual meeting information,

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SHOT Newsletter Editorial Policies, Advertising Rates, and Submission Deadlines

The SHOT *Newsletter* is published quarterly in April, July, October, and January and is sent to all individual members of the Society. Items for inclusion will be published **if received by the 1st of the previous month**. Please note that material for the newsletter may be submitted via electronic mail. Non-members and institutions may receive the *Newsletter* by separate subscription for \$15 per year. The *Newsletter* can also be read at the SHOT website.

Readers should verify closing dates and other information provided by institutions and sponsors; the editor and SHOT are not responsible for changes or typographical errors. Advertising for books, journals, and other matters related to the interests of the Society and its members is accepted if received by the 1st day of the previous month.

Advertising Rates: Full page (7-1/2" x 9-1/2"), \$200;
 Half page (7-1/2"x5" or 3"x 9-1/2"), \$150;
 Quarter page (3" x 5"), \$100

The SHOT logo was created by Brickworks of London

a preliminary program, and registration material are, as usual, included in this newsletter. You can also check the great website that our Amsterdam arrangers have put together at <http://www.histech.nl/Shot2004/index.htm> where you will find an online registration form, paper abstracts, program updates, and more. Johan Schot, Donna Mehos, and other members of the local arrangements committee have done a wonderful job making all the preparations, while Ruth Oldenziel and her colleagues on the program committee have provided us with a fabulous lineup of papers.

Although not quite as glamorous as the dance party, one of the essential features of our annual meeting is the Saturday business meeting where your officers issue various reports on SHOT developments and we handle other society matters.

Among other items on the agenda here, the Executive Council has a proposed constitutional amendment that will come up for a vote. We will also be voting on a resolution concerning an investment and use policy for the endowment of the editorship of *Technology and Culture*. Further details are presented elsewhere in this newsletter.

While you're thinking about society business, please take the time to look at the election material also contained in this newsletter, including candidate biographical statements. Debbie Douglas and the Nominations Committee have put together a very strong slate of candidates who are prepared to commit their time and energy to working for and with SHOT. We have included the regular tear-out ballot in this newsletter for the traditionalists, but remember, you can also cast your ballot through the SHOT website. We aim to make life as easy as possible....

At this point, I'll stop telling you what significant things you can find elsewhere in this newsletter and let you start checking it out yourself. Meanwhile, I look forward to seeing old and new friends in Amsterdam!

Amy Sue Bix
 Iowa State University

SHOT 2008

SHOT's Sites Committee is seeking proposals from scholars and institutions outside North America to host the SHOT annual meeting in the fall of 2008. Interested parties should e-mail a letter of intent by September 1, 2004; the letters indicate an intention to submit later a more formal proposal to host the annual meeting. The letters should briefly outline the local institutional support, the members of a local arrangements committee, possible hotel and meeting accommodations, possible tours with history of technology themes, web hosting abilities, and proposed dates.

The 2008 meeting will probably entail some aspect of SHOT's observance of the fiftieth anniversary of the Society's establishment. The Executive Council has begun formal discussions of how and when SHOT should celebrate its fiftieth birthday. *Tentative* plans call for the 2007 meeting to include a celebration of SHOT's past, and the 2008 meeting outside of North America to focus on SHOT's future.

Potential hosts are encouraged to contact the Sites Committee in advance of the deadline to discuss the letter in more detail. Contact Kathryn Steen at Drexel University (steen@drexel.edu) or Michael Kucher at the University of Washington, Tacoma (kucher@u.washington.edu). Please e-mail your letters of intent to the Sites Committee, and cc. the letter to SHOT secretary Amy Bix (shot@iastate.edu), SHOT president David Hounshell (hounshell@cmu.edu), and SHOT vice president Rosalind Williams (rhwill@mit.edu).

PROPOSED CONSTITUTIONAL AMENDMENT

At its last two meetings, the SHOT Executive Council has discussed the growing sense that the SHOT Advisory Council has not been fulfilling much of a practical purpose or playing any specifically valuable role in our organization. Indeed, its function has created a lot of confusion on the part of SHOT members, especially during the nominations process. The Executive Council has begun exploring alternative ideas for meeting more effectively the goals that the Advisory Council was initially created to serve, such

as honoring distinguished scholars and developing new relationships with people from outside SHOT that would serve to bring a wider audience to SHOT and *Technology and Culture*.

Meanwhile, the Executive Council of the Society for the History of Technology recommends that the SHOT Constitution be amended by repealing Article IX (which authorizes an Advisory Council) and making the necessary housekeeping changes in the remainder of the constitution to reflect the repeal of Article IX (e.g. renumbering the subsequent articles). Many thanks to SHOT's former president, Terry Reynolds, who drafted this amendment. We will discuss and vote on this amendment at the Business Meeting in Amsterdam scheduled for Saturday, October 9 at 6:00 pm. Please read the proposed amendment carefully and remember that if you wish to consult the SHOT Constitution, it is available on our website at <http://www.shot.jhu.edu/>

Proposed Amendment:

Step 1:

Repeal Article IX of the current SHOT constitution, which reads:

Current Article IX - Advisory Council

Section 1. The Advisory Council shall be composed of Members elected by mail ballot on the basis of their distinguished scholarship or eminent service to the development of technological studies. Each member of the Advisory Council shall hold office for five years. Persons nominated for election to the Advisory Council need not be Members of the Society at the time of their election, but must become Members within one month after their election.

Section 2. The Advisory Council shall be consulted by the Executive Council regarding the affairs of the Society at such times as the Executive Council shall deem it advisable so to do, and shall assist the Executive Council whenever called upon.

Step 2.

Perform housekeeping to the remainder of the Constitution to reflect the repeal of article IX.

a. Modify Article VIII – Committees, Section 1. (a): which details the duties of the Nominating Committee by deleting the phrase: “at least two names for each position open on the Advisory Council.”

b. Renumber the subsequent articles, to reflect the disappearance of Article IX:

Article X, International Scholars... becomes Article IX;

Article XI, Special Interest Groups and Local Sections... becomes Article X;

Article XII, Society Procedures... becomes Article XI;

Article XIII, Amendment of Constitution... becomes Article XII.

RESOLUTION ON USE OF ENDOWMENT ACCOUNT

Investment and Use Policy for the Endowment for the Editorship of *Technology and Culture*

The Executive Council of the Society for the History of Technology (SHOT), in a unanimous vote on May 1, 2004, and ratified by members of the organization at the Annual Meeting on _____, resolves that the funds collected for the *Technology and Culture* Endowment ("The Endowment" hereafter) shall be managed in the following manner and used only for the following purposes:

Investment Policy

1. The Endowment will not be commingled with other SHOT funds.
2. The Endowment shall be invested by SHOT's Treasurer under the guidance of the Finance Committee with the express goals of capital preservation and conservative growth befitting a non-profit organization.

Use Policy

1. Income from The Endowment shall be used to support the publication programs of SHOT and the editorial office of *Technology and Culture* in the event that financial support from educational and museum institutions does not materialize or are insufficient to carry out these vital functions of the Society for the History of Technology.
2. The Endowment shall be used to pay salary and benefits to the *Technology and Culture* editor and staff in the event that other institutions cannot pay them.

3. Until and unless other assured sources of funds are fully sufficient for these purposes, income from The Endowment shall not be used for any purpose other than the support of publication costs and editorial staff.

Audit

To guarantee that the funds are used as directed, the biennial audit of SHOT's accounts will include a separate statement from a Certified Public Accountant. That statement will attest that The Endowment account's funds have been managed and used according to this expressly established policy.

SHOT 2004 ANNUAL MEETING

October 7-10

Renaissance Amsterdam Hotel, Amsterdam, The Netherlands

Please join us in Amsterdam!

It is the pleasure of the Local Arrangements Committee to host the SHOT 2004 Annual Meeting in Amsterdam. The meeting will take place at the hotel, in the center of the city on one of the oldest canals in Amsterdam, and within walking distance of Amsterdam Central Station. Convenient trains run directly from the Schiphol Airport terminal to Amsterdam's Central Station.

All sessions and meetings will take place in the hotel's conference center, the Koepelkerk Convention Center. This convention center building was originally constructed in the second half of the seventeenth century as the New Lutheran Evangelical Church with its famous dome. Today, the Cupola Hall of the former church – famous for its good acoustics – serves as the main auditorium where we will have our plenary sessions, coffee breaks, book display, and Saturday's Awards Banquet. Immediately following the banquet, a SHOT Dance Party will commence and all conference participants are welcome to dance the night away. We all know that SHOT can rock!

The central location of the Koepelkerk is convenient for visits to such sights as Anne Frank's house, the Royal Palace, and a myriad of museums in which we expect SHOT members will be interested. We encourage you to

join one of the tours we have arranged in cooperation with Dutch historians who will be leading tours related to their own research, either in Amsterdam on Saturday, or outside of Amsterdam on Sunday. We feel fortunate to have local experts contribute to the specialized, somewhat academic, social program. To make it possible for participants to attend these tours, we have avoided overlap between the sessions and varied social events by working closely with the Program Committee.

The SHOT 2004 Program Committee is comprised of Ruth Oldenziel, Chair, Dan Holbrook, Eda Kranakis, and Irene Anastasiadou, Assistant. They have compiled a stimulating program from the unusually competitive and internationally rich submissions this year. The exciting program will be augmented by plenary meetings. On Thursday, David Hounshell will reflect on the state of the Society for the History of Technology and the field of the history of technology in his Presidential Address. The Program Committee is organizing a thought-provoking Opening Plenary Session that will take place later that evening. On Friday, Dutch historians of technology are creating a plenary happening, *Inventing National Identities*. Below you will find more conference details and the tentative program.

We are hoping for beautiful weather in October. Autumn in Northern Europe is highly unpredictable. It is always advisable to have an umbrella in The Netherlands and quite possible that it will not be needed. To keep up with the forecast, check either:

http://www.weather.com/outlook/travel/local/NLXX0002?from=search_city

or

<http://www.wunderground.com/global/stations/06240.html>

Throughout the meeting, the graduate students from the Technical University Eindhoven and our committee will be available to help you with our local knowledge. Don't hesitate to send your queries to us. We want your experience here to be as pleasant as possible.

Yours,

Donna Mehos, Lidwien Hollanders, Jan Korsten, Frank Schipper, Johan Schot

Local Arrangements Committee
shot2004@tm.tue.nl
www.histech.nl/shot2004

Hotel Reservation Information

The Local Arrangements Committee has reserved rooms in three hotels. Conference room rates are guaranteed until August 1st so please book your accommodations soon.

The conference hotel where all sessions and meetings will take place is the Renaissance Amsterdam Hotel and Koepelkerk Convention Center
Kattengat 1
1012 SZ Amsterdam
tel: +31 20 621 2223 fax: +31 20 627 5245
<http://marriott.com/property/propertyPage.mi?marshaCode=AMSRD>.

Room prices are 199 EUR for single or double rooms plus 5% tax. Breakfast is available in the hotel for an additional 21 EUR. SHOT participants may book rooms directly with the hotel. To reserve a room either call the hotel or use the reservation form on our website and fax it to the Renaissance Amsterdam Hotel. Reservations cannot be made through the website. Please note that the conference rate is only guaranteed until August 1.

Additional Hotels

These two alternative hotels are conveniently located within a 10-minute walk to the conference site. SHOT participants may book rooms directly with these hotels. Please use the reservation numbers below.

RHO HOTEL

Nes 5-23
1012 KC Amsterdam
tel: +31 20 620 7371 fax: +31 20 6207826
www.rhohotel.com

Double and twin rooms are available for 115 EUR per room per night (double or single occupancy). This price includes breakfast buffet and taxes. Rooms can be reserved by calling the hotel, through the website, or by faxing the reservation form available on the hotel's website. To get the

conference rate, please give the Reservation Number 1260 (SHOT) in the “remarks” field.

AMSTEL BOTEL

Oosterdokskade 2-4

1011 AE Amsterdam

tel. reservations: +31 20 521 0350 fax: +31 20 639 1952

tel. reception: +31 20 626 4247

Located just outside of Central Station, see www.amstelbotel.nl for details.

Double rooms and twins are available for 87,00 EUR per room per night on the landside of the boat. Double rooms and twins are available for 92,00 EUR per room per night on the waterside of the boat. Some triple rooms may be available. The optional breakfast buffet is 10.00 EUR. Prices include all taxes.

For arrivals on Thursday, a minimum stay of 2 nights is required; for arrivals on Friday or Saturday, a minimum stay of 3 nights is required. A credit card guarantee is also required.

Room reservations can be made by email at info@amstelbotel.nl or by telephone. Please refer to Reservation Number G03110045/SHOT. Conference reservations cannot be made through the website.

Amsterdam has many small and medium sized hotels that can be booked at www.bookings.nl. There are also many simple budget hotels and youth hostels that can be booked at www.allensguide.com/hostels and www.hostelwatch.com. (Please keep the potential drawbacks of youth hostels in mind.)

Getting to Downtown Amsterdam and Hotels

Airport

Amsterdam is served by Schiphol Airport (www.schiphol.nl).

Trains from Schiphol to Amsterdam Central Station depart every 10-15 minutes, take approximately 20 minutes, and cost 3,10 EUR. Tickets can be purchased from ticket machines with credit cards. Please note: machines taking credit cards in The Netherlands commonly require confirmation with a PIN. Train tickets can also be purchased at a staffed counter that sometimes has long lines. The Renaissance Hotel is a 7-minute walk from the station. Taxis are also

available from Central Station.

Shuttlebus service from the airport departs from Platform A7 in front of Arrival Hall 2. The Airport Hotel Shuttle is operated by Connexxion in bright green buses. They depart at least every twenty minutes and stop within one block of all three hotels. Tickets can be purchased at the Connexxion counter inside Arrival Hall 2, price: 10,50 EUR

Regular taxi service to the center of Amsterdam costs approximately 50 EUR. Taxis can usually hold four people, and some charge an extra fee per person.

2004 Annual Meeting Program

Please note that the preliminary program schedule is tentative and subject to change.

The definitive program will be posted on the website closer to the conference date and will be distributed on-site.

Wheelchair Accessibility

Along with the charm of the seventeenth-century conference venue comes the problem that some areas of the building are not easily accessible for those in wheelchairs or who have difficulty in walking up stairs. The building does have an elevator albeit in an inconspicuous location. Furthermore, access ramps can be placed where needed. We ask that those who will make use of these please to indicate it on the Registration Form. One meeting room, the Piet Hein Room, is not wheelchair accessible; it requires that one walk up a flight of stairs to reach it. We must ask those of you who cannot manage stairs to check the final program for sessions scheduled in this inaccessible room. If you would like to attend a session in the Piet Hein Room, please inform us and we will reschedule it to another room.

2004 Plenary and Social Program

Please keep in mind that some of the social program activities, particularly the tours, require a minimum number of participants to take place. Similarly, some are limited by a maximum number of participants.

Thursday Group Events

Canal Boat Tour: This tour will depart at 3 p.m., Thursday, October 7 from the jetty at the Renaissance Amsterdam Hotel. This tour will give you a look at Amsterdam from the water. The boat will pass by beautiful canal side houses with well-preserved seventeenth-century Dutch gables and will give a unique perspective of the many bridges of Amsterdam. We will also pass the replica of the Dutch East Indies ship Amsterdam and the harbor.

Price: 10 EUR

Evening Program

All of these events are included in the registration fee. Snacks will be served at the reception. Please be sure to register for these events even though there is no extra cost.

Presidential Address 5-6 p.m.

Reception 6-7 p.m.

Plenary Session 7-8 p.m.

Friday Evening Program

These events are included in the registration fee. Snacks will be served at the reception. Please be sure to register for these events even though there is no extra cost.

Reception 6-7 p.m.

At this reception, an area will be reserved for the special interest group Women In Technology History (WITH) Social

Plenary Session 7:15-8:30 p.m.

Inventing National Identities in the Netherlands:

A Multi-Media Presentation and Debate

Saturday Tours

Note: All tours on Saturday, October 8 will depart at 11.00 a.m. from the Renaissance Amsterdam Hotel during a break between sessions.

The Netherlands Maritime Museum (Scheepsvaartmuseum) Tour: A guided tour through the Netherlands Maritime Museum, which is housed in the National Naval Depot, a former arsenal of the Dutch Navy that is over 300 years old. The unique and superb collection tells the story of the maritime past of the Netherlands. The jetty outside the Museum provides a permanent berth for a replica of the eighteenth-century Dutch East Indies ship Amsterdam. Actors playing the sailors provide a 'life-like' impression of life on board the Amsterdam.

Price: 10 EUR

20th Century Architectural Walking Tour: These tours will look at 20th century architectural experiments and practices against the backdrop of the Amsterdam's social, political, and cultural landscape. The tours will be given by historians of technology who will discuss the socio-political history of architecture and urban planning.

Price: 10 EUR

Amsterdam Historical Museum Tour: The city's historical museum has a varied and extensive collection on the history of the Dutch capital. The guided tour through the museum will focus on the relationship between Amsterdam and water.

Price: 10 EUR

Dutch Resistance Museum Tour: The Second World War was a dark page in history. In the Resistance Museum (Verzetsmuseum) and a one-hour walking tour in its formerly Jewish neighborhood, you will learn about this difficult period and how it affected everyday life in the Netherlands.

Price: 10 EUR

Sunday Activities:

Vice in Amsterdam will be a multi-media presentation. After the presentation, a limited number of people will be able to join a brief tour.

Presentation Amsterdam, like most harbor cities, has a long history of prostitution. Over the

centuries the level of visibility shifted because of changes in legislation, degrees of tolerance, and practices of prostitutes and brothel owners. Since the 1960s, the Amsterdam Red Light district has developed into a public space of prostitution and coffee shops that openly sell soft drugs. Annemarie de Wildt of the Amsterdam Historical Museum, who curated the exhibition *Love for Sale. Four Centuries of Prostitution in Amsterdam*, will give a multi-media presentation on the (material) past and present of prostitution and drugs dealing.

Price: 10 EUR

Bordello Visit in the Red Light District for the first 15 registrants.

Price: 10 EUR.

Sunday tours will be preceded by 45-minute introductory lectures given by historians in the conference hotel. Bus tours will depart from the hotel immediately after the lectures and include lunch. They will return to Amsterdam between 6:00 and 7:00 p.m.

Rotterdam Tour: In 1962, Rotterdam became the largest port in the world. The tour will be a search for its historical roots, including harbor infrastructure development and transshipment technology, and the impact they had on the city's development. The tensions and synergies between the harbor and urban change will be explored. In particular, we will look at how Rotterdam became one of the seedbeds of modernist architecture in the interwar period. We will have a guided tour of one icon of modern architecture, the Van Nelle Factory Building. The tour includes the late nineteenth- and early twentieth-century harbors and the Rotterdam Maritime Museum. The introductory lecture and tour will be given by Paul van Laar, urban historian of the Historisch Museum Rotterdam who has written extensively on the history of Rotterdam, and Johan Schot who has studied Rotterdam's harbor from the perspective of the history of technology.

Price: 45.00 EUR

Water Management from the Golden Age to the Twentieth Century: The adverse yet innovative relationship that the Dutch have had with water will be highlighted in this tour on Dutch technologies of water management. The bus ride in the province of North Holland will drive along significant dikes and polders. A visit to a museum (www.museummolen.nl) built in an operational windmill will demonstrate how windpower was used to create agricultural land from swamps in the seventeenth-century. Dike and locks systems, for example, that have been developed throughout centuries in civil engineering projects supervised by the state agency for civil engineering, the Rijkswaterstaat, as well as quaint villages in the area will be seen. The tour will visit the North Sea Locks in IJmuiden, the world's largest series of sea locks. This tour will be introduced and led by Harry Lintsen who has carried out much significant research on the Rijkswaterstaat.

Price: 40.00 EUR

Kröller-Müller Museum Tour: The Kröller-Müller Museum is located in the Hoge Veluwe National Park. This tour will combine a unique ensemble of art, architecture, and nature. The oldest part of the museum, designed by Henry van de Velde, was built around the (previously private) collection brought together by Helene Kröller-Müller, the daughter a German industrialist. It represents the fortuitous patronage of modern art by those who earned fortunes in the late-nineteenth century. The highlights of this collection of primarily nineteenth- and twentieth-century fine art include its extensive collection of Vincent van Gogh paintings and its 60+ -acre sculpture garden with important modern, often large-scale, sculptures. The entrance fee to the museum and park include the use bicycles for a ride through the bike paths through the forest where one can see the former hunting lodge of the Kröller-Müller family that was designed by the important architect H. P. Berlage. The introductory lecture in Amsterdam will be given by art historian Jenny Reynaerts, Curator of Nineteenth- and Twentieth-Century Paintings in the Rijksmuseum in Amsterdam. At the

museum, a guided tour will take place .
Price: 52.50 EUR

The Zaanstreek: An Early Proto-Industrial Center: Before and during the Golden Age in the seventeenth-century, Amsterdam thrived on trade and areas outside of the city grew into significant commercial and (proto-) industrial centers in, for example, shipbuilding and paper-making. This tour will highlight industrial development just a few miles outside of Amsterdam along the banks of the former creek, the Zaan, that was dammed in medieval times and since has been the site of many windmill-based industries. The trip will include a boat trip along the Zaan, a visit to a windmill, and other sites of interest. The introductory lecture and tour will be given by Jur Kingma, who has been active in the preservation of industrial heritage, and has written on the industrial history of the Zaan area.

Price: 50.00 EUR

Annual Meeting Registration

All registration fees include entrance to the Presidential Address, two plenary sessions, the Thursday and Friday evening receptions, and the dance party after the banquet. Most of these events are listed on the Registration Form because, despite no additional fees, you must register for them to participate. For conference participants (thus, not accompanying persons) all coffee breaks with snacks are included. The non-member registration fee includes a one-year membership to SHOT and a subscription to the society's journal Technology and Culture commencing in January 2005.

Events hosted by SHOT

Graduate Student and International Scholars Breakfast: The SHOT officers will host the annual graduate student breakfast on Saturday morning. While this breakfast is free for graduate students, numbers are limited. You must register for this event to attend.

Saturday SHOT Awards Banquet. On Saturday, October 8 at 19.00 pm, the Local Arrangements Committee and SHOT invite you to attend the annual Awards Banquet to be held in the Cupola Hall of the Koepelkerk Convention Center, Renaissance Amsterdam Hotel. This is a wonderful opportunity to honor the recipients of SHOT's prestigious awards and to enjoy a gourmet meal with fine wines. The banquet consists of a three-course meal followed by a dessert buffet with coffee. Included in the price are all beverages from an aperitif, a selection of dinner wines, to coffee and tea. There is a choice between a vegetarian entree or an entree that combines fish and meat courses. The hotel can accommodate medical and religious dietary restrictions so please be sure to note them in the registration form. After the banquet, the hall will be transformed and the dance party will begin.

Special Interest Group (SIG) and Other Meetings

All SIG and other meetings during this conference will be breakfasts.

The following SIG's will have meetings:

Friday

The Mercurians with the Jovians

Military Technology Interest Group

Women in Technology History (WITH)

WITH will be subsidizing graduate students and underemployed scholars who are interested in attending the SIG meeting. Rather than registering for the breakfast with the Local Arrangements Committee, contact Martina Blum (t7911ai@mail.lrz-muenchen.de) for details. Subsidies must be requested by August 31st

Saturday

Computers, Information, and Society

Envirotech

Sunday

The Albatrosses

Other Meetings

Saturday

Tensions of Europe

Graduate Student Breakfast

Sunday

****Water Historians****

The special attention in the program to the subject of water has generated a flood of interest. Therefore, a special meeting has been organized. It is an informal get-acquainted gathering for those interested in any aspect of water history, including water and technology, politics, society, and culture.

Book Display

The 2004 Annual Meeting Book Display will take place at the Cupola Hall of the Koepelkerk Convention Center, Renaissance Amsterdam Hotel.

Additional Sightseeing in Amsterdam

More detailed information will be included in your Registration Packet.

Before then, see:

www.amsterdam.info

www.holland.com/amsterdam/gb/

Future Meetings of the Society are scheduled for:

2005

November 3-6 at the Hyatt Regency Hotel, Minneapolis, Minnesota

This will be a co-located meeting with the History of Science Society.

2006

October 12-16 at the Imperial Palace Hotel and Casino, Las Vegas, Nevada

The SHOT 2004 Annual Meeting is being organized on behalf of SHOT by the Local Arrangements Committee coordinated by the Foundation for the History of Technology (Stichting Historie der Techniek) in The Netherlands.

Regulations

Program Changes:

- Any changes to the program will be announced on the conference website and during the conference at the information desk.

Registration:

- Participants can register through the conference website, with the form that will appear in the July issue of the SHOT Newsletter, and on-site.

- Registration is final only after the organization receives payment.

- There is a maximum 450 participants. Registrations are processed in order of receipt. People who register after the maximum number of participants has been reached, will be placed on a waiting list.

- All participants presenting papers, chairing, or commenting in sessions must register for the conference. Places are reserved for them until one month before the conference. Those who haven't registered by September 7, 2004 cannot be guaranteed a place in the program or the conference. Their registration place will then become available for those on the waiting list.

- The number of people who can attend some of the social events is limited. Registration for these events is processed in order of receipt. If the maximum number of participants is reached in any given event, registration for it will be stopped.

- Accompanying persons planning to attend social program events must register individually for breakfast meetings, the awards banquet, tours, etc.

- The non-member registration fee includes a one-year membership in SHOT. The Local Arrangements Committee will submit the membership information to SHOT.

Payment:

- Payment is possible by credit card (Mastercard and Visa) and by bank transfer.

- All payments must be in Euros.

Refund Policy:

- Participants who cancel their registration are subject to the following conditions:

- For cancellations before August 1, 2004, a full refund minus 20 EUR for administrative costs.

- For cancellations between August 1 and September 1, 2004 a 50% refund.

- For cancellations after September 1, 2004 no refund.

- If the organization of the conference is forced to cancel the conference, participants who registered will receive a full refund.

- In the unlikely case that tour/s is/are cancelled, participants who registered for those cancelled tour/s

will receive a full refund. The organization will pay this refund in cash at the registration desk.

Hotels:

- Participants must book their own accommodations. The organization is not responsible for hotel bookings.
- On the conference website, information is provided about hotels near the conference site. The conference organization is not responsible for the accuracy of this information.

Liability:

- A participant is responsible for the damages s/he causes during the conference.
- The organization of the conference is not responsible for damages sustained by participants or other people during the conference, unless this damage is caused by culpable negligence by the conference organization.

Lost objects:

- Participants are responsible for their own possessions.
- Inquiries about lost objects can be made at the information desk during the conference or by e-mail to shot2004@tm.tue.nl after the meeting.
- Found objects that are not claimed will be kept until one year after the conference.

Law:

- The conference and participants are subject to Dutch Law.

PROGRAM

SHOT 2004 Annual Meeting Program

Thursday, October 7_08.00 - 16.30 PM

SHOT Executive Council Meeting (Open to all members)

Thursday, October 7_13.00 - 18.00 PM

Registration & Information

Thursday, October 7_Afternoon: 15.00 - 16.30 PM

Canal Boat Tour

Thursday, October 7_Late Afternoon: 17.00 - 18.00 PM

Presidential Address

Thursday, October 7_Evening: 18.00 - 19.00 PM

Reception

Thursday, October 7_Evening: 19.00 - 20.00 PM

Plenary Session

Friday, October 8_08.00 - 18.00 PM

Registration & Information

Book Display

Friday, October 8_Morning - SIG Breakfasts: 07.30 - 08.30 AM

The Mercurians with the Jovians
Military Technology Interest Group
Women in Technology History (WITH)

REMEMBER!!

**AUGUST 1, 2004 IS THE
DEADLINE FOR CONFERENCE
RATES AT OUR AMSTERDAM
HOTELS AND FOR THE
MEETING'S EARLY
REGISTRATION RATE.**

**FOR MORE INFORMATION,
PLEASE SEE THE SHOT
WEBSITE:**

<http://www.shot.jhu.edu>

**and the annual meeting website:
<http://www.histech.nl/Shot2004/index.htm>**

Friday, October 8: Morning Sessions I:**09.00 - 10.30 AM****1. Tensions, Cities and Technologies in European River Basins**

Organiser-Cornelis Disco, Twente University, The Netherlands

Chair-Ulrich Wengenroth, Technical University Munich, Germany

Commentator-Terry Reynolds (pending), Michigan Technological University, USA

Papers

The Intergrative Role of a River in the Divided Cities on the German-Polish border - Dagmara Jajesniak-Quast, Europa-Universitat Viadrina, Germany/Poland

River and the Divided City. Restructuring the Eco-technological System in the Vuoksi River after 1944 - Karl-Erik Michelsen, Lappeenranta University of Technology, Finland

The View from Below. Dutch Municipal Waterworks and the Struggle to Clean up the Rhine, 1930-1980 - Cornelis Disco, Twente University, The Netherlands

2. Circulation of Knowledge and the Atlantic Economy, 1500-1850

Organiser-Klaus Weber, Rothschild Archive, London, UK

Chair-Renate Pieper, Karl-Franzens-Universitat Graz, Austria

Commentator-Piet C. Emmer, Leiden University, Centre for the Study of the History of European Expansion, The Netherlands

Papers

Invited Strangers: Technology Emergence and Transfer in Europe and the Americas, 1500-1750 - Elva Kathleen Lyon, Rutgers Univ., USA

Silver, Slave Trade, Textile Markets, and Central European ProtoIndustry, 1680-1850 - Klaus Weber, Rothschild Archive, London, UK

Embedding Transatlantic Markets in Systems of Knowledge and Technology: The Case of Dyestuffs - Alexander Engel, Georg-August-Universitat, Gottingen, Germany

3. Cold War Politics of the Kitchen

Organiser-Karin Zachmann, Technical University

Munich, Germany

Chair-Bruce Pietrykowski, Univ. of Michigan, USA
 Commentator-Karin Zachmann, Technical University Munich, Germany

Papers

Peaceful Competition in the Kitchen - Susan E. Reid, University of Sheffield, UK

The American "Fat Kitchen" in Europe: Cold War, Domestic Modernity, and the Marshall Plan - Greg Castillo, University of Miami School of Architecture, USA

The American Kitchen in Italy - Paolo Scrivano, University of Toronto, Canada

4. The Technopolitics of Knowledge and Secrecy in South Africa

Organiser-Gabrielle Hecht, University of Michigan, USA; Keith Breckenridge, University of KwaZulu-Natal, South Africa

Chair-Helen Tilley, Princeton University, USA

Commentator-Keith Shear, University of Birmingham, UK

Papers

Verwoerd's Bureau of Proof: Total Information in the Making of Apartheid - Keith Breckenridge, University of KwaZulu-Natal, South Africa

Camouflaging Geopolitics under Apartheid - Paul N Edwards, Gabriele Hecht, Univ. of Michigan, USA

The Record, the Archive and Electronic Technologies in South Africa - Verne Harris, South African History Archives, South Africa

5. Bodies of Knowledge

Organiser-Shelley P. McKellar, University of Western Ontario, Canada

Chair-Ellen Koch, Independent Scholar, USA

Commentator-Rosana Horio Monteiro, New Address, Brazil

Papers

'The Conquest of the Deep': Diving between Engineering, Science and Adventure - Alexander von Lunen, Univ. of Tech, Darmstadt, Germany

Hidden Dangers: The Case of the Nuclear Powered Artificial Heart - Shelley P. McKellar, University of Western Ontario, Canada

From Backpacks to Pockets: Insulin Pumps and Diabetic Cure - Kristen Gardner, University of Texas San Antonio, USA

6. Tunnel Visions

Chair-Miriam Levin, Case Western Reserve University, USA
 Commentator-Rosalind Williams, Massachusetts Institute of Technology, USA

Papers

Tunnel Visions and Mountain Sickness: The Construction of a Road Tunnel and its Cultural Meaning in Mid 19th Century France - Onne Bieringa, Twente Univ. The Netherlands
Last Stop on the Metro: Aswan - Elizabeth Bishop, University of Texas at Austin, USA
Studying Landscapes of National Prowess - Judith A. Schueler, Technical University Eindhoven, The Netherlands

Friday, October 8: Morning: 10.30 - 11.00 AM

Break

**Friday, October 8: Morning Sessions II:
 11.00 AM - 12.30 PM**

7. History of Technology Goes Online

Organiser-Robert Bud, The Science Museum, London, UK
 Chair-Susan Hodgson, Univ. of Sheffield, UK
 Commentator-David Kirsch, University of Maryland, USA

Papers

Technology and Society: Teaching Engineers Online - Harry Lintsen, Technical University Eindhoven, The Netherlands
Multimedia and the Museum of Technology - Bernard Finn, National Museum of American History, USA

8. Conduits of Urban Expansion

Chair-Dominique Lorrain (pending), CNRS
 Commentator-Olivier Coutard, LATTs, France

Papers

Hydraulic Technology, Infrastructure and Urbanism in Late Renaissance And Early Baroque Rome - Katherine Wentworth Rinne, National Gallery of Art, Washington
Water Supply, Social Access, and Urban Development in Buenos Aires, Paris, Cape Town, and Los Angeles

in the Nineteenth and Twentieth Centuries - Denis Bocquet, Sarah Botton, Konstantinos Chatzis, Bernard de Gouvello, Fionn McKillop, Agnes Sanders, France
Water as a Commodity? Debates on the (De) Regulation of Water Supply in Turkey, 1885-1937 - Noyan Dinckal, Technical University Darmstadt, Germany

9. Transnational Knowledge Production, 1942-1990

Organiser-Philip Scranton, Rutgers University/Hagley Museum and Library, USA
 Martin J. Collins, Smithsonian Inst. NASM, USA
 Chair-Margaret Graham, McGill University, Canada
 Commentator-John Krige, Georgia Institute of Technology, USA

Papers

Cold War Technological Complexities: Building American Jet Engines, 1942-1960 - Philip Scranton, Rutgers University/Hagley Museum and Library, USA
Commercial Aircraft Industry during and After the Cold War: West and East German Aircraft Production, 1955-1990 - Hans-Luidger Diemel, Berlin University of Technology, Germany
The Corporation Ascendant: Iridium's Global Satellite Telephone System and the Post Cold War World - Martin J. Collins, Smithsonian Institution NASM, USA

10. Technology and Political Legitimation in the Twentieth Century

Organiser-Suzanne M. Moon, Colorado School of Mines, USA
 Chair-Donna Mehos, Technical University Eindhoven, The Netherlands
 Commentator-Michael Dennis, Cornell University, USA

Papers

Technology and the Legitimation of Revolution in Colonial Indonesia, c. 1930 - Suzanne M. Moon, Colorado School of Mines, USA
Places of Power: Technology, Nature, and Political Reconstruction in France Since 1945 - Sara B. Pritchard, Montana State University, USA
Making the Inside Visible: A Political History of "Visual Languages" and "Un-African" Technologies - Pauline Kusiak, Cornell University, USA

11. The Business of Pleasure, Pornography, and Technology

Organiser-Jonathan Coopersmith, Texas A&M University, USA

Chair-Delphine Gardey, Max Planck Institut für Wissenschaftsgeschichte, Germany

Commentator-Rebecca Herzig, Bates Coll., USA

Papers

Does Your Mother Know What You Really Do? The Changing Nature and Image of Computer-Based Pornography - Jonathan Coopersmith, Texas A&M University, USA

Technology and Eroticism: The Pornographic Film - Joseph W. Slade, Ohio University, USA

Virtuous Pleasures in the Hedonic Marketplace: Needlework as a Technology of Pleasure - Rachel Maines, Independent Scholar, USA

12. Business and Legal Control of Technology 1850-1950

Organiser-Christopher Beauchamp, Cambridge University, UK

Chair-Kenneth Lipartito, Florida International University, USA

Commentator-Steven W. Usselman, Georgia Institute of Technology, USA

Papers

Patents and Technological Competencies: A Cross National Study of Intellectual Property Right Strategies in the Synthetic Dye Industry, 1857-1914 - Johann Peter Murmann, Northwestern University, USA

The Second Industrial Revolution in Court: Building and Attacking National Patent Monopolies in the Telephone Industry, 1876-1897 - Christopher Beauchamp, Cambridge University, UK

Patents into Copyrights: Cartels and Collusion in the Early Film Industry, 1890-1949 - Gerben Bakker, University of Essex, UK

Friday, October 8: Afternoon: 12.30 - 13.45 PM

Lunch

Friday, October 8: Afternoon Sessions: 13.45 - 15.15 PM

13. Corridors of Modernization

Organiser-Paul R. Josephson, Colby College, USA
Chair-Bruce Seely, Michigan Technological University, USA

Commentator-Paul R. Josephson, Colby Coll., USA

Papers

Transnational Infrastructures and the Rise of Contemporary Europe - Johan Schot, Erik van der Vleuten, Technical University Eindhoven, The Netherlands

National Identification and The Imperial Railway Administration of Elsass Lothringen, 1871-1918 - Martijn Eric Wit, Twente University, The Netherlands
Technologies of Civilization and Control: Roads and Political Legitimacy in French Colonial Cameroon, 1915-1945 - Libbie Freed, University of Wisconsin, USA

14. Transatlantic Nodes

Chair-Marc Dierikx, Institute of Netherlands History, The Hague

Commentator-Tom Misa, Illinois Institute of Technology, USA

Papers

Major Mayo Goes to the West Indies: Anglo-American Aviation and the Empire Question in the Early Twentieth Century - Chandra D. Bhimull, The University of Michigan, Ann Arbor

Germanum Mare: Germany's Aerial Atlantic Ambitions 1926-1939 - Ryan K. Noppen, Purdue University, USA
Ireland's Role in Post-War Transatlantic Aviation and Its Implications for the Defence of the North Atlantic Area - Michael Kennedy, Royal Irish Academy, Dublin, Ireland

15. The Construction of Radio Listening

Organiser-Timothy Stoneman, Georgia Institute of Technology, USA

Chair-Susan Smulyan, Brown University, USA

Commentator-Susan J. Douglas, University of Michigan, USA

Papers

"Radio's Alternative Dimension": Social Space, Australian Aboriginal Prisoners and the Prison Show - Jacqueline Ann Cook, University of South Australia, Australia

The Social Construction of Listeners: The Case of the "Portable Missionary Radio", 1949-1980 - Timothy Stoneman, Georgia Institute of Technology, USA

Abuse of the Use of Radio: Profaning a Respectable Medium and the Battle Against the Chaining of America on Louisiana's KWKH, 1924-1933 - Derek W. Vaillant, University of Michigan, USA

Middlemen of the Air: Disk Jockeys and the Transformation of Listener Survey Technologies in the 1940s - Elena Razlogova, George Mason University, USA

16. Building Housing, Building Class, Building Gender

Chair-Art Molella, Lemelson Center, Smithsonian Institution, USA

Commentator-Joan Rothschild, Independent Scholar, USA

Papers

A Political Statement in Stone: Voluntary Housing Associations as Mediators of Political Dreams and Decent Housing Conditions - Liesbeth Bervoets, University of Amsterdam, The Netherlands

Steel Houses Within A Political Framework: Lord Weir's Camouflaged Homes - Edmund Potter, Auburn University, USA

"The Fermette": A Camouflaged Technology - Els De Vos, Katholieke Univ. Leuven, Belgium

17. Contesting Water Purity

Chair-Hugh Gorman, Michigan Tech. Univ., USA

Commentator-Betsy Mendelsohn, University of Virginia, USA

Papers

Urban Water. The Man-Made and the Natural in the New American City - Carl Smith, Northwestern University, USA

Knowing Good Water: Conflicts Between Local and Technological Understandings - Joy Parr, University of Western Ontario, Canada

Water Quality Contested. The Localisation and Materialisation of Drinking Water Quality

Standards. - Ragna Zeiss, Free University Amsterdam, The Netherlands

18. Seventieth-Century Dutch Treat: Engineering Culture

Chair-Daryl Hafter, Eastern Michigan Univ., USA

Commentator-Lissa Roberts, Twente University, The Netherlands

Papers

From Bucket to Slang-Brandspuyten: Water and the Fire Problem in Amsterdam - Daniel Winer, Auburn University, USA

The Garden Behind the Dyke: Polders and Dutch Culture in the 17th Century - Alette Fleischer, Twente University, The Netherlands

Technologies of Vision: The Nature Pieces of Otto Marseus van Schrieck, 1619-1678 - Douglas R. Hildebrecht, University of Michigan, USA

**Friday, October 8: Late Afternoon Sessions:
15.45 - 17.45 PM****19. Men, Minds and Materia: New Hydraulic History in the North Sea Area before 1800**

Organiser-Petra van Dam, Free University Amsterdam, The Netherlands

Chair-Karel Davids, Free University Amsterdam, The Netherlands

Commentator-Pamela O. Long, USA

Papers

Tidal Water Technology: Political Choices Versus Ecological Dynamics in Coastal Flanders, 900-1200 - Dries Tys, Vrije Univ. Brussel, Belgium

Coastal Water-Management: Socio-economic and Political Influences in Flanders, 1200-1600 - Tim Soens, University of Ghent, Belgium

Between Conflict and Consent. The Dike in Early-Modern North-Frisian Coastal Society - Marie Luisa Allemeyer, Max-Planck-Institut für Geschichte, Göttingen, Germany

Holland's Hydraulic Engineering: The Eighteenth Century's Stagnation Reconsidered - Siger Zeischka, Free Univ. Amsterdam, Netherlands

20. Camouflage: Sexuality, Anxiety, and Hidden Technology

Organiser-Sharra Vostral, Rensselaer Polytechnic Institute, USA

Chair-Nelly Oudshoorn (pending), Twente University, The Netherlands

Commentator-Andrea Tone, Georgia Institute of Technology, USA

Papers

A Technology of "Passing": Tampons, Feminism and Menstrual Health in Early Twentieth Century America - Sharra Vostral, Rensselaer Polytechnic Institute, USA

"There's Got to Be a Morning After": College Women and the History of Emergency Contraception, 1970-present - Heather Munro Prescott, Central Connecticut SU, USA

Examination of the Pregnant Uterus- or: How The Fetus Came into Focus - Lise Kvande, Norwegian University of Science and Technology, Norway

Conceiving a Disease: Postpartum Depression and Pharmaceutical Technology - Alison Vander Zanden, Bates College Lewiston, USA

21. Food For All in Twentieth-Century America

Organiser-Gabriella M. Petrick, University of Delaware, USA

Chair-Mark R. Finlay, Armstrong Atlantic SU, USA

Commentator-Deborah Fitzgerald, Massachusetts Institute of Technology, USA

Papers

Technology's Dilemma: Agricultural Education between Science and Practice in Germany, 1860-1934 (pending) - Jonathan Harwood, University of Manchester, UK

The Market Garden and Modernity: Commercial Canning in New Jersey, 1850-1870 - Geoffrey David Zylstra, Case Western Reserve Univ., USA

The History of the Development and Adoption of Mechanical Milking - Noelle Foster Feliciano, Rensselaer Polytechnic Institute, USA

Green Gold: Mass Producing Lettuce in California, 1910-1950 - Gabriella M. Petrick, University of Delaware, USA

22. Technological Mediators

Organiser-Erik P. Rau, Drexel University, USA

Chair-Carolyn M. Goldstein, Lowell National Historical Park, USA

Commentator-Ronald R. Kline, Cornell Univ., USA

Papers

Mediating for Military Consumers: Operations

Research during World War II - Erik P. Rau, Drexel University, USA

Statistical Quality Control, Consumer Goods, and Global Markets: The Founding of the Commission on Product Quality - Gail Cooper, Lehigh University, USA

Use, Misuse, or Abuse? Product Liability, Expertise, and the Social Construction of Safer Consumer Technologies in Postwar America - Arwen Palmer Mohun, Univ. of Delaware, USA

AOL Community Volunteers and Hobbyist Game Programmers: Case Studies of Unpaid Work on the Internet - Hector Postigo, Rensselaer Polytechnic Institute, USA

23. The Electronic Eighties: Domesticating, Gendering, and Consuming, 1975-1990

Organiser-Thomas Haigh, University of Wisconsin, USA

Chair-TBA

Commentator-Pap Ndiaye, Ecole des Hautes Etudes Sciences Sociales, France

Papers

Making the Computer Personal: Reconstructing Domesticity for the Information Age - Thomas Haigh, University of Wisconsin, USA

From Court Reporting to Closed-Captioning to the Classroom: Jumping Context with Computer-aided Stenography - Greg Downey, University of Wisconsin, USA

"Portable Pleasures": Audio Equipment of the 80s in Urban and Domestic Spaces - Heike Weber, Technical University Munich, Germany

"Everything but the Popcorn": Domesticating the Cinema by Remaking the Living Room - Jeffrey Tang, University of Pennsylvania, USA

24. Challenging Technology

Chair-Leo Marx (pending), Massachusetts Institute of Technology, USA

Commentator-John Staudenmaier sj., University of Detroit, Mercy, USA

Papers

National Socialist Ideology, Technology, and the Conquest of Nature - Bernhard Rieger,

International University Bremen, Germany

"Mr. F" and "Astroboy": Images of Robots and Public Perceptions of Technology in Pre- and

Post- WWII Japan - Ito Kenji, University of Tokyo, Japan

Pacem in Terris: The Catholic Church and Cold War

Nuclear Diplomacy - Eric S. Hintz, University of Pennsylvania, USA

Where Do We Go From Here: Martin Luther King Jr., Black Intellectuals, and Technological Criticism -

Rayvon Fouche, Rensselaer Polytechnic Institute, USA

Friday, October 8: Evening: 18.00 - 19.00 PM

Reception

Friday, October 8: Evening: 19.15 - 20.30 PM

Plenary Session

Friday, October 8: Late Evening: 22.00 - PM

Hospitality Suite

Saturday, October 9: 08.00 - 18.00 PM

Registration & Information

Book Display

Saturday, October 9: Morning - SIG

Breakfasts: 07.30 - 08.30 AM

Computers, Information, and Society

Envirotech

The Albatrosses

Graduate Student Breakfast

Saturday, October 9: Morning Sessions I:

09.00 - 10.30 AM

25. Eurovision: National Differences versus One Common Culture?

Organiser-Onno de Wit, Utrecht University, The Netherlands

Chair-Adri Albert de la Bruheze, Twente University, The Netherlands

Commentator-Alan S. Milward

Papers

Transatlantic Tension, European Cooperation: Industrial Policy in the European Community, 1958-

1973 - Eda Kranakis, University of Ottawa, Canada

Eurovision: a History of Infrastructural Challenges and Ideological Dilemmas - Onno de Wit, Utrecht

University, The Netherlands

...Off the Leash. Expectations, Experiences and the

"Unexpected"- the GSM Standardization as a Successful Learning Process - Patrick Kammerer, Zurich

University, Switzerland

26. Constructing Hospital Spaces: Medical Technology and Architecture, 1870-1970

Organiser-Gerard Fitzgerald, Dibner Institute for the History of Science and Technology, USA

Chair-Eddy Houwaart, Free University Amsterdam, The Netherlands

Commentator-Ruth Schwartz Cowan, University of Pennsylvania, USA

Papers

Spaces of Control: The Common History of Operating Rooms and the Laboratory in the 19th and 20th

centuries. - Thomas Schlich, McGill University, Canada

"Turn on the Light": UV Radiation Technologies in the Operating Theater and Post-Operative Infection Rates,

1936-1966 - Gerard Fitzgerald, Dibner Institute for the

History of Science and Technology, USA

"Too Far Out": LSD and the Modern Psychiatric

Hospital, 1950-1970 - Erika Dyck, McMaster

University, Canada

27. Counting on the State, Counting in the State

Organiser-Gabriel Karl Wolfenstein, UCLA, USA

Chair-TBA

Commentator-David Alan Grier, George Washington University, USA

Papers

Risk International: Prediction, Disaster and Emergency Management in the Age of Civilization -

Scott Gabriel Knowles, Drexel

University, USA

Metrics of Doubt: Public Mistrust and the CDC's Smallpox Vaccination Program - Susan Coffin & Amy

Slaton, University of Pennsylvania, Drexel

University, USA

People Count: Enumerator and Enumerated in the Victorian Censuses - Gabriel Karl Wolfenstein, UCLA, USA

28. Technopolitics of Deception

Chair-Hans Weinberger, Royal Institute of

Technology, Sweden

Commentator-David Hounshell, Carnegie-Mellon

University

Papers

Adding Sight to Sound in Stalin's Russia: RCA and the Transfer of Electronics Technology to the Soviet

Union - Alexander B. Magoun, David Sarnoff Library, USA

Sweden and Clandestine German Rearmament

Technology - Petter Wulff, The Swedish Defence

Research Institute, Sweden

The Korean "Peace Dam" and the Politics of

Technology - Sungook Hong, Seoul National

University, Korea

29. Fact and Factory

Chair-Lindy Biggs, Auburn University, USA

Commentator-Steve Lubar, Brown University, USA

Papers

Alternative Museum Spaces: Factory Tours and the Working Museum - Allison C. Marsh, Johns Hopkins

University, USA

Presentation of the "Virtual Factory" Program:

Virtual Reconstruction of a Renault Workshop in

Boulogne-Billancourt, France - Alain P. Michel,

Stephane Pouyllau, Evry University, Centre National de la Recherche Scientifique, France

When Godard and Malle Film the Assembly Line

(1969-1972) - Nicolas Hatzfeld, Alain P. Michel,

Gwenaële Rot, France

30. Soundscapes: Negotiating Disembodiment

Chair-Karin Bijsterveld (pending), Maastricht University, The Netherlands

Commentator-Emily Thompson, Massachusetts

Institute of Technology, USA

Papers

We Are What We Use. The Telephone and The Transformation of Autoception through Information

Technologies - Matthias Rieger, University of Hannover, Germany

Flirting with Teleportation in the Telephone Booth -

Kristen Haring, Max Planck Institute for the History of Science, Germany

The Invisibility of Music in the Age of Recording - Mark

Katz, Johns Hopkins University, USA

Saturday, October 9: Morning:

10.30 - 11.00 AM

Break

Saturday, October 9: Tours: 11.00 - 12.45 AM

The Netherlands Maritime Museum

(Scheepsvaartmuseum) Tour

20th Century Architectural Walking Tour

Amsterdam Historical Museum Tour

Dutch Resistance Museum Tour

Saturday, October 9: Afternoon:

12.45 - 14.00 PM

Lunch

Saturday, October 9: Afternoon Sessions: 14.00 - 15.30 PM**31. Engineering Independence? Colonial Influence in Water Dominated Landscapes of Asia and Africa**

Organiser-David Biggs, Univ. of California, USA

Chair-R. Parthasarathy, Gujarat Institute of Development Research, India

Commentator-Martin Alan Reuss, Army Corps of Engineers, USA

Papers

Building from a Colonial Mold: Water Engineering and Conflict in the Plain of Reeds, Vietnam 1938-1975

- David Biggs, University of California, USA

Transplanting the TVA: International Contributions to Postwar River Development in Tanzania - Heather

Hoag, University of San Francisco, USA

The Interpenetration of Western and Indigenous Technologies: Irrigation in Colonial Java, Indonesia, 1800-1950 - Wim Ravesteijn, Technical University Delft, The Netherlands

32. High Anxiety, Risky Technology, and the American Dream

Chair-Eric Schatzberg, Univ. of Wisconsin, USA

Commentator-David Nye, University of Southern Denmark, Denmark

Papers

"Crash-Proof" Vehicles and "Blast-Proof" Domiciles: Constructing Safety and Security in Atomic-Age America - Greg Siegel, University of North Carolina, USA

Computer Virus as a Virtual Media Object - Jussi Parikka, University of Turku, Finland

Dangerous Circuitry? Responses to Failure in the U.S.

Nuclear Missile Early Warning System - Christopher Jones, Univ. of Pennsylvania, USA

33. Engineering the American South

Chair-Nina E. Lerman, Whitman College, USA

Commentator-Donald F. Davis (pending), University of Ottawa, Canada

Papers

Springs, Shoals, and Southern Prosperity: The Business of Water in Nineteenth-Century Spartanburg, South Carolina - Bruce W. Eelman, Siena College Loudonville, USA

Backwater Blues: The Mississippi Flood Disaster, Race, and the Remaking of Regional Identity, 1900-1930 - Richard M. Mizelle, Rutgers Univ., USA

Camouflage in Layers: The Development and Re-Invention of Geographic Information Systems - John Cloud, NOAA Central Library, USA

34. Artful Engineering

Chair-Samuel Florman, Independent Scholar, USA

Commentator-William Uricchio, MIT, USA & Utrecht University, Netherlands

Papers

Existential Pleasures: Engineers and the History of Experiments in Art and Technology - Matthew

Wisnioski, Princeton University, USA

Digital Horizons: Information Technology and Cinema - William John Schaffer, University of Newcastle, Australia

Game Over Boundaries-The Coevolution of Video

Games, Media and IT - Jan Jornmark, Chalmers

University of Technology, Sweden

35. Mutable Mobiles: Of Wheels, Wings, and Woofers

Chair-TBA

Commentator-Trevor Pinch, Cornell Univ., USA

Papers

Weaponizing the "Safety Bicycle": The U.S. Military Bicycle Program of the 1890s - Damon Yarnell, University of Pennsylvania, USA

Northern Visions: The Adoption of Aerial Surveying by the Canadian Mining Industry, 1920-1929 - Marianne Cronin, University of Toronto, Canada

Illegal Biotechnology: Poachers and Lurchers in 19th Century Britain - Edmund Paul Russell III, University of Virginia, USA

36. Failed Technologies

Chair-TBA

Commentator-Hans-Joachim Braun, Universitat der Bundeswehr, Germany

Papers

Adoption and Resistance: American Building Technologies in the Soviet Industry, 1920s-1930s - Boris Mikhailovich Shpotov, Russian Academy of Sciences, Moscow, Russia

Arming Perón's "New Argentina": The Migration of German Scientists and Technology after World War II - Jonathan D. Hagood, University of California, Davis, USA

Next Generation Nuclear Power as a Non-Aligned Technology - Ian J. Slater, York University, UK

Saturday, October 9: Afternoon:**15.30 - 16.00 PM**

Break

**Saturday, October 9: Late Afternoon Sessions:
16.00 - 18.00 PM****37. Changing Mature Systems: The Theory,
The Evidence**

Chair-Arne Kaijser, Royal Inst. of Tech., Sweden
 Commentator-Thomas P. Hughes, University of
 Pennsylvania, USA

Papers

*Altering the Momentum in the Mature American
 Electric Utility System* - Richard F. Hirsh, Virginia
 Polytechnic Institute, USA

*Groping in the Dark: Liberating Electrical Power
 Systems from Their National Institutional Bonds* -
 Geert Verbong, Technical University Eindhoven, The
 Netherlands

*Electricity Systems in the Baltic Region: Linking and
 Delinking East and West* - Per Hogselius, Lund
 University, Sweden

*Resisting Innovation: Radical Technical and
 Institutional Change in Electric Power During the
 Third Industrial Revolution* - Mats Fridlund, Royal
 Institute of Technology, Sweden

38. Hardware of Travelling Theories

Organiser-Colin Divall, George Revill, University of
 York & Oxford Brookes University, UK
 Chair-Joseph J. Corn, Stanford University, USA
 Commentator-Thomas Zeller, University of Maryland,
 USA

Papers

*Cultures of Transport Technologies:
 Representation, Practice and the Culture of Transport
 Technology* - Colin Divall, George Revill, Univ. of
 York & Oxford Brookes Univ., UK

*The Culture of Walking in 20th
 Century Cities* - Barbara Schmucki, Technical
 University Darmstadt, Germany

*The Voyage of Your Dreams: Cruising Through the
 Dutch East Indies* - Kris Alexanderson, Rutgers

University, USA

*The Rural/ Urban, Urbanized-Rural/Ruralized-Urban
 Body, and the Spaces in Between:*

*Experiences/Narratives of Villagers who Depart,
 Journey to, and Return from the Rand Mines, and
 Men who Recruit them from the South Eastern
 Zimbabwean Countryside, 1900-1940* - Clapperton
 Mavhunga, Wits Institute for Social and Economic
 Research, South Africa

39. Designing and Controlling Human Agency

Organiser-Christopher Bissell, Open Univ., UK
 Chair-Karen Freeze, Univ. of Washington, USA
 Commentator-Christopher Bissell, Open University, UK

Papers

*The User-Friendly Typewriter: The Role of Usability in
 the Shaping of the Typewriter* - Martin Cambell-Kelly,
 Univ. of Warwick, UK

*"Mechanizing Korean": The Evolution of Korean
 Typewriters* - Kim Tae-ho, Seoul National University,
 Republic of Korea

*Integrating Humans and Machines for Spaceflight:
 American and Soviet Approaches* - Slava Gerovitch &
 David Mindell, MIT, Dibner Institute, USA

*Reliable Cog in the Nuclear Wheel: Nuclear Power
 Plant Operators in the Soviet Union Before and After
 Chernobyl* - Sonja Schmid, Cornell University, USA

**40. Non-Aligned Technology: Resisting and
Reforming Large Technical Systems**

Organiser-Joyce Bedi, Lemelson Center,
 Smithsonian Institution, USA

Chair-Joyce Bedi, Lemelson Center, Smithsonian
 Institution, USA

Commentator-Wiebe Bijker, Maastricht University, The
 Netherlands

Papers

*"Every man his own weather-clerk!": Weather
 Information Systems, Local Communications
 Technologies, and a National Weather Service for
 Agriculture, 1870-1891* - Jamie L. Pietruska,
 Massachusetts Institute of Technology, USA

Horse Power: Draft Animal Agriculture Today -
 Edward Tenner, Lemelson Center, Smithsonian, USA

*Going Against the Groove: The Persistence of Vinyl
 Records, 1960-2003* - Emily Chivers

Yochim & Megan Biddinger, University of Michigan, USA

"Of No Practical Importance"? The Long, Slow Development of Fuel Cell Technology - Harold Wallace, Smithsonian Institution, USA

41. Rethinking History of Technology in a Global Context

Commentator-Bryan Pfaffenberger, University of Virginia, USA

Papers

The Uses of Things-Rethinking Histories of Twentieth Century Technology - David Edgerton, Imperial College London, UK

Firearms Cross the Atlantic: Military Technology Transfer and Adaptation in North America and West Africa - Bart Hacker, Smithsonian Inst., USA

Astonishing the Natives: Technological Encounter Narratives Through a Folkloristic Lens - Mithra Moezzi, Lawrence Berkeley Nat'l Laboratory, USA

What is Tradition's Relationship with Modern? The Case of Tank Irrigation Technology of South India - Esha Shah, Centre for Interdisciplinary Studies in Environment and Development, India

42. Gendered Cultures of Invention

Chair-Carmen Sarasua Garcia, Universitat Autònoma de Barcelona, Spain

Commentator-Bernard Carlson, University of Virginia, USA

Papers

"The Expression of Her Genius": Biology, Know-how, and Female Gendering of Late 19th Century Technology and Science - Devorah Slavin, Georgia Institute of Technology, USA

Hooping It Up: The Subversive Side of the 19th Century Fashion. - Teresa Riordan, Independent Scholar, USA

Collaboration in Camouflage: The Marital Context of Domesticating Electricity - Sophie Forgan, Graeme John Norman Gooday, University of Leeds, University of Teesside, UK

Emulation and Invention in the Great Depression: Advice Literature and Earl S. Tupper - Kathleen Franz, University of North Carolina, USA

Saturday, October 9: Evening:

18.00 - 18.45 PM

SHOT Business Meeting

Saturday, October 9: Evening: 19.00 - PM

SHOT Awards Banquet & Party

Sunday, October 10: 08.00 - 12.00 PM

Registration & Information

Book Display

Sunday, October 10: Morning - SIG Breakfasts:

08.00 - 09.00 AM

Water Historians

Sunday, October 10: Morning Sessions:

09.15 - 10.45 AM

43. Paradoxes of the Postmodern Laboratory

Organiser-Stuart W. Leslie, Johns Hopkins University, USA

Chair-Kees Boersma, Vrije Universiteit Amsterdam, The Netherlands

Commentator-Dominique Pestre, EHESS Center Alexandre Koyre, Paris

Papers

When is the Laboratory Postmodern - Paul Forman, Smithsonian Institution NASM, USA

Outposts of Modernity: The Rhetoric of Architecture in the National Laboratory System - Joanna Ploeger, University of Iowa, USA

The Spaces of Postmodern Science - Stuart W. Leslie, Johns Hopkins University, USA

44. Circulation of Knowledge in Computing

Organiser-Atsushi Akera, Rensselaer Polytechnic Institute, USA

Chair-Dan Holbrook, Marshall University, USA

Commentator-TBA

Papers

Peripatetic Careers, Institutional Ecologies, and the Origin of New Technology: John W. Mauchly and the Multiple Foundations of the Digital Electronic Computer - Atsushi Akera, Rensselaer Polytechnic Institute, USA

Bridging Science and Market: Institutional Ecologies of Univac User Groups - Corinna Schlombs, University of Pennsylvania, USA

The Acceleration Of and Constraints In the Circulation of Knowledge During and After World War II: United States and Japan, 1940-1964 - Chigusa Ishikawa Kita, Kyoto University, Japan

45. Making IT Work

Organiser-Lars Heide, Copenhagen Business School, Denmark

Chair-Aristotles Tympas pending, National & Kapodistrian University of Athens, Greece

Commentator-Matthias Kipping, Universitat Pompeu Fabra, Barcelona, Spain

Papers

Another Story of British Backwardness? Information Systems and Technologies in British High Street Banking, 1919-1979 - Peter Wardley & Bernardo Batiz-Lazo, London South Bank University, University of the West of England, UK

The Co-construction of Information Technology: The role of European Users in the Development of Punch Card systems - Lars Heide, Copenhagen Business School, Denmark

Antitrust and the Market for Information Technology Advice: How IBM First Lost and Later Regained Primacy as IT Consultants - Christopher McKenna, University of Oxford, UK

46. Inventing Patents, 1400-1900

Organiser-Anna Guagnini, University of Bologna, Italy; Christine MacLeod, University of Bristol
Chair-Ian Inkster, University of Nottingham, UK
Commentator-Anna Guagnini, University of Bologna, Italy

Papers

The Birth of the Patent System in Europe, 1474-1621 - Luca Mola, University of Warwick, UK

"The Ingenious Crowd": Great British Inventors and their Patents, 1700-1852 - Alessandro Nuvolari, Christine MacLeod, University of Bristol, UK

Knowledge Management and Knowledge Sharing in a 19th Century Power Engineering Company - Patrick Llerena, Kristine Bruland, University of Oslo, Norway, University Louis Pasteur, France
Patent or Secrecy. The Economic Effects of Two

Alternative Strategies for Protecting Invention - Jose M. Ortiz-Villajos, Complutense University of Madrid, Spain

47. Aviation as Entertainment

Organiser-Jeremy R. Kinney, University of Maryland, USA

Chair-Deborah Douglas, Massachusetts Institute of Technology, USA

Commentator-Roger E. Bilstein, University of Houston-Clear Lake, Texas

Papers

Aerial Proving Grounds: Military Air Racing, 1920-1931 - Jeremy R. Kinney, University of Maryland, USA

Tin Soldiers vs. Glass Slippers: Sport Sailplane Development and the Innovation Shift from America to Europe - Russell E. Lee, National Air and Space Museum, USA

Hangar Flying and Hundred Dollar Hamburgers: Flying for Pleasure after World War II - Alan D. Meyer, University of Delaware, National Air and Space Museum, USA

48. War and Secrecy

Chair-TBA

Commentator-Alex Roland, Duke Univ., USA

Papers

The Art of Teleplasty: Aerial Vision and Spatial Camouflage, 1918-1942 - Davide Deriu, University College London, UK

The "Secret Bearers": Engineering, Identity, and the V-2 Missile at Peenemunde - Michael Brian Petersen, University of Maryland, USA

Guidance and Choices: Swedish-American Relations and the Forging of a Swedish Missile Defence during the Cold War - Johan Gribbe & Mikael Nilsson, Royal Institute of Technology, Stockholm, Sweden

Sunday, October 10: Morning:

10.45 - 11.15 AM

Break

**Sunday, October 10: Introductory Lectures:
11.15 - 12.00 AM**

Rotterdam
Water Management
Kröller-Müller
The Zaanstreek
Vice in Amsterdam

Sunday, October 10: Tours: 12.00 - PM

Rotterdam Tour
Water Management from the Golden Age to the
Twentieth Century
Kröller-Müller Museum Tour
The Zaanstreek: An Early Proto-Industrial Center
Bordello Visit

PRESIDENT'S MESSAGE

News Flash: Amsterdam Meeting Will Be Spectacular!

David Hounshell

June 4, 2004. I've just returned from a nine-day trip to the Netherlands, where I met with Johan Schot, Donna Mehos, and the other members of the Local Arrangements team to review the final stages of planning for the Amsterdam meeting, which is set for October 7-10, 2004. I also availed myself of the opportunity to tour the conference site--the Koepelkerk ("cupola church") Convention Center with Donna, Ruth Oldenzeil (Chair of the Program Committee), and a representative from the hotel and convention center. A former Lutheran church, Koepelkerk is a fabulous space, is connected to the Renaissance hotel by an under-the-street tunnel, is less than five minutes walk from the Central Station, and occupies a place surrounded by charming restaurants, other hotels, truly historic canals and structures, and great museums. You don't want to miss this meeting and this city! The Local Arrangements Committee and the Program Committee have worked with each other and with the spaces offered by the Koepelkerk to make what I believe will be a seamless meeting in

terms of its logistics. The richness of the program speaks for itself.

And, definitely, don't miss the opportunity to sign up for the tours! Each of the tours planned for Sunday will offer SHOT members unique opportunities to experience the richness of Amsterdam, Rotterdam, the unique Dutch system of water control, or the greatness of Dutch cultural institutions like the unbelievable Kröller-Müller Museum. My frustration is that I can't be in four places at the same time.

While in Amsterdam, I also had a chance to check out for myself not only the main conference hotel but also the two alternative hotels identified in the conference registration materials. The Local Arrangement Committee has done a great job in providing alternatives for SHOT members with different budget constraints, and if the three choices don't work for you, then any good guidebook to Amsterdam will give you lots of other nearby selections.

The Amsterdam meeting will give SHOT members the opportunity to combine cutting-edge scholarly exchanges in the history of technology and encounters with some of the greatest artwork and historical museums in the world. You already know about what to expect in terms of scholarly exchanges, but let me ask when was the last time you saw nine (9) self-portraits by Vincent van Gogh lined up side-by-side, which you'll find among hundreds of his other paintings at the fabulous van Gogh Museum? When was the last time that you saw and learned about a seventeenth-century orphanage governed by wealthy Dutch merchants and their families, such as what is offered at the vast Amsterdam Historical Museum (housed in the orphanage, out of which, incidentally, grew the Amsterdam zoo), located only five minutes by foot from the conference site? Again, don't miss Amsterdam 2004!

Just in case you are wondering, no SHOT funds were used for my trip. See you in October. I can't wait to get back there!

<p>CALLS FOR PAPERS</p>

Pioneer America Society
 36th Annual Conference
 Newtown, Bucks County, Pennsylvania
October 21-23, 2004

The Pioneer America Society will hold its 36th annual conference in Newtown, Bucks County, Pennsylvania on October 21-23, 2004.

The headquarters for the meeting will be the Tyler Hall on the campus of Bucks County Community college in Newtown. The hosts for this event will be Professor Lyle Rosenberger, Director of the Historic Preservation Certificate Program at Bucks County Community College, and Historic Preservation Specialist David Kimmerly of the Heritage Conservancy. The theme for this year's conference is: "The Cultural Landscape of Southeastern Pennsylvania." The Saturday field trip will focus on Dr. Henry Chapman Mercer, an important Bucks County historian, archaeologist, collector, and tile maker through visits to his home—Fonthill, his museum—the Mercer Museum, and his tile business—the Moravian Potter and Tiles Works, in nearby Doylestown, Pennsylvania.

The conference committee is currently soliciting proposals for papers, special sessions, and panel discussions relating to the conference theme. However, papers on all material culture topics of interest to the Society are welcome. The abstract deadline is **2 August 2004**.

For further conference information, contact:
 David Kimmerly
 1137 Park Avenue
 Lansdale, Pennsylvania 19446
 Phone: 215-361-0272
 Email: kimmerly@comcast.net

Heritage of Technology

International Conference
 HERITAGE OF TECHNOLOGY - GDANSK
 OUTLOOK 4

May 4-7, 2005, Gdansk, Poland
 ABSTRACT DEADLINE EXTENDED: 30 September 2004

Conference website:
http://hotgo4.mech.pg.gda.pl/hot_go4.html
 Conference secretariat e-mail: hotgo4@mech.pg.gda.pl

OBSOLESCENCE in Modern Architecture

Deadline: 30 August 2004. Submission of paper proposals are welcomed on the theme of obsolescence for the annual meeting of the Society of Architectural Historians, 6-10 April 2005, in Vancouver, British Columbia. The session on Obsolescence in Modern Architecture welcomes paper proposals dealing with the theme of obsolescence from multi-disciplinary perspectives, including but not limited to the histories of design, art, architecture, urbanism, preservation, technology, real estate, and finance. For more information, see the Call for Papers under Annual Meetings/Future at www.sah.org; or email daniel.abramson@tufts.edu.

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BUSINESS HISTORY CONFERENCE

MINNEAPOLIS MAY 19-21, 2005

On 19-21 May 2005, the Business History Conference (BHC) will host its annual meeting in Minneapolis (USA), home to the flagship campus of the University of Minnesota.

The theme for the conference is **Reinvention and Renewal**. Throughout history, firms, industries, regions, and nations have demonstrated remarkable capacities to transform prevailing business practices and reorient economic activities. Minnesota's own 3M is just one example of such reinvention, with its reorientation from mining to Post-It notes. On another level, the region surrounding Minneapolis has renewed itself by refocusing from flour and cereal milling to high tech. Longtime residents and immigrant entrepreneurs have also remade numerous neighborhoods in the city into shopping, restaurant, and theater districts. The program committee invites proposals aimed at elucidating all aspects of such phenomena. (In keeping with longstanding BHC policy, the committee will also entertain submissions not directly related to the conference theme.)

Potential presenters may submit proposals either for individual papers or for entire panels. Individual paper proposals should include a one-page abstract and a one-page curriculum vitae. The abstract should summarize the argument of the paper, the sources on which it is based, and its relationship to existing scholarship. Each panel proposal should include a cover letter stating the rationale for the session, a one-page abstract and author's vitae for each proposed paper (up to three), and a list of preferred chairs and commentators (with contact information for those who have agreed in advance to participate).

The conference features several **programs of special interest to graduate students and recent Ph.D.s**. These include the Krooss dissertation prize competition, the Kerr prize for the best first paper presented by a recent Ph.D. candidate or recent Ph.D., dissertation-in-progress workshop sessions, and a day long Dissertation Colloquium preceding the conference. The BHC also offers selected graduate students small grants to offset some of the costs of attending the conference.

The deadline for the receipt of all proposals is **1 October 2004**. All presenters are expected to submit abstracts of their papers for posting on the Business History Conference's web site. In addition, presenters are encouraged to post electronic versions of their papers prior to the meeting.

Please send all proposals to Roger Horowitz, secretary-treasurer, Business History Conference, P. O. Box 3630, Wilmington, DE 19807, USA. Phone: (302) 658-2400; fax: (302) 655-3188; email rh@udel.edu

The program committee consists of Steven W. Usselman (chair), Georgia Institute of Technology; Tracey Deutsch, University of Minnesota; Helen Shapiro, University of California, Santa Cruz; Steven Tolliday, University of Leeds; and JoAnne Yates (BHC President-Elect), MIT.

PROGRAMS OF SPECIAL NOTE FOR GRADUATE STUDENTS AND RECENT Ph.D.s

The Business History Conference is committed to fostering work by younger scholars working in the field of business history, broadly conceived. To this end, the BHC has organized the following events in conjunction with the annual conference.

Krooss Dissertation Prize Competition

Each year, the Business History Conference awards the Herman E. Krooss Prize for the best dissertation in business history completed in the past three years. The Krooss Prize Committee welcomes submissions from recent Ph.D.s (2002-5) in history, business administration, history of science and technology, economics, law, and related fields. If you would like to participate in this competition, please indicate this in a cover letter, and include a one-page vita and one-page dissertation abstract. These should be sent to address above. A group of selected finalists will present summaries of their dissertations at a plenary session of the conference.

K. Austin Kerr Prize Competition

The Business History Conference also awards the K. Austin Kerr Prize for the best first paper by a Ph.D. candidate or recent Ph.D. (2002-5). If you wish to participate in this competition, please indicate this in your paper proposal. Proposals accepted for the Krooss prize panel and the dissertation-in-progress sessions described below are not eligible for the Kerr Prize.

Dissertation-in-Progress Sessions

Open to all attendees, these sessions are intended to provide students in the early stages of their dissertation projects with feedback and constructive criticism from a

larger community of scholars than is available to them at their home institutions. Doctoral candidates who would like to have their dissertations discussed in an informal but informed scholarly setting should submit a cover letter to this effect, along with a one-page vita and one-page dissertation abstract. (Please make clear this is a dissertation abstract, not a paper proposal.) Send materials to Roger Horowitz at the address above.

Newcomen Dissertation Colloquium

This intensive workshop, sponsored by the BHC through the generous support of the Newcomen Society, will take place at the conference venue on Wednesday evening, May 18 and Thursday, May 19. Participants will work closely with a small but distinguished group of BHC-affiliated scholars, including at least two of its officers. The assembled scholars and students will review dissertation proposals, consider relevant literatures and research strategies, and discuss the business history profession. The colloquium will involve a mix of activities, including a kick-off dinner on May 18. Limited to at most ten students, it is intended for doctoral candidates in the early stages of their dissertation projects. Those interested in participating should submit to Roger Horowitz, BHC Sec-Treas. (rh@udel.edu), a statement of interest, a preliminary or final dissertation prospectus, and a current vita. (Please make clear that you are interested in the dissertation colloquium.) One recommendation from the dissertation supervisor (or prospective supervisor) should also be either faxed (302-655-3188) or emailed (rh@udel.edu) to Roger Horowitz by January 5, 2005. The review committee will notify all applicants of its decisions by March 1st. A grant from the Newcomen Society of America will provide each participant with a \$300 honorarium, which will help cover individual travel and lodging expenses.

NOTE: Subject to approval by the appropriate selection committees, doctoral candidates may participate in both the dissertation colloquium and a dissertation-in-progress session.

CONFERENCES

Mill Restoration Workshop

Heritage Conservation Network, in association with the Francis Mill Preservation Society, will be holding two back-to-back building conservation workshops at the Francis Mill in Waynesville, NC from July 11-17 and July 18-24, 2004. The workshops offer participants the opportunity to learn about traditional post and beam construction while providing a workforce for the restoration of the mill.

The Francis Mill was built in 1887, was in use until 1976, and is now the last remaining grist mill in Haywood County. Each workshop session consists of five full days of demonstration, guidance and practice under the tutelage of Jeff Finch, a restoration specialist based in Franklin, NY.

Pre-registration is required. The cost of each session is \$875, including lodging, or \$350 for participants not requiring lodging. All fees cover insurance, lunches and project materials. Student scholarships are available. Registration forms can be obtained

from the Heritage Conservation Network website: www.heritageconservation.net/ws-francis-mill.htm or directly from HCN, 1557 North Street, Boulder, Colorado, 80304, +1 303 444 0128, fax: +1 775 320 6837, or email workshops@heritageconservation.net.

FELLOWSHIPS & GRANTS

American Philosophical Society

RESEARCH PROGRAMS

All information, and forms, for all of the Society's programs can be downloaded from our website, <http://www.amphilsoc.org> Click on "Grants" on the homepage. INFORMATION about ALL PROGRAMS Purpose, scope

Awards are made for non-commercial research only. The Society makes no grants for academic study or classroom presentation; for travel to conferences; for non-scholarly projects; for assistance with translation or

the preparation of materials for use by students. The Society does not pay overhead or indirect costs to any institution, or costs of publication.

Eligibility

Applicants may be residents of the United States, or American citizens resident abroad. Foreign nationals whose research can only be carried out in the United States are eligible. Grants are made to individuals. Institutions are not eligible to apply. Requirements for each program vary.

Tax information

Grants and fellowships are taxable income, but the Society is not required to report payments. It is understood that grant and fellowship recipients will discuss their reporting obligations with their tax advisors. Grants and fellowships made to non-resident aliens require additional processing time.

Contact information

Questions concerning the eligibility of a project or the use of funds for the FRANKLIN program are accepted at 215-440-3429, via email to eroach@amphilsoc.org, or in writing to

[NAME of PROGRAM]

American Philosophical Society
104 South 5th Street
Philadelphia, PA 19106

Include the following information:

indication of your eligibility; specify the name of the program

nature of the research (e.g. archival, laboratory, fieldwork, etc.)

proposed use of the grant funds (travel, purchase of microfilm, etc.)

Foreign nationals must state what objects of research they need access to, available ONLY in the United States.

BRIEF INFORMATION about INDIVIDUAL PROGRAMS

Franklin Research Grants

eligibility

Applicants are expected to have a doctorate, or to have published work of doctoral character and quality. Pre-doctoral students are not eligible, but the Society is especially interested in supporting the work of young scholars who have recently received the doctorate.

scope

The program is designed to help meet the cost of travel to libraries and archives for research purposes, the purchase of microfilm, and the costs associated with fieldwork or laboratory research expenses. The program does not accept proposals in journalistic writing; for the preparation of textbooks, or teaching aids; or the work of creative and performing artists. These grants are not made for research for commercial purposes, or when government support is more appropriate. They are not intended to meet the expenses of attending conferences, or costs of publication.

maximum award: \$6000

deadlines: October 1, December 1

Decisions are reached in late January and in March.

Library Resident Research Fellowships

eligibility

Applicants must demonstrate a need to work in the Society's collections for a minimum of one month, and a maximum of three months. Applications are accepted from persons whose normal place of residence is farther away than a 75-mile radius of Philadelphia. Applicants do not need to hold the doctorate.

stipend: \$2000 per month

deadline: March 1, for decision by May

Contact information for this program, which now requests cover sheet and 6 collated sets: NOTE DIFFERENT TELEPHONE, EMAIL, and ADDRESS NUMBER

Questions concerning the LIBRARY RESIDENT Research Fellowships are accepted at 215-440-3443, via email to jjahern@amphilsoc.org, or in writing to

Library Resident Research Fellowships
American Philosophical Society Library
105 South 5th Street
Philadelphia, PA 19106

Dibner Institute for the History of Science and Technology

Fellows Programs 2005-2006

The Dibner Institute for the History of Science and Technology invites applications to its three fellowship programs for the academic year 2005-2006: the Senior Fellows program, the Postdoctoral Fellows program, and the Science Writer Fellowship. Appointments are based

on applicants' earlier work and the significance of the research projects submitted. Applications for the Senior and Postdoctoral Programs are available on the Dibner website.

The Dibner Institute, established in 1992, is an international center for advanced research in the

history of science and technology. It offers the resources of the Burndy Library, a major collection of both primary and secondary materials in the history of science and technology, and is the cornerstone of the Dibner Institute Consortium consisting of the Massachusetts Institute of Technology, the host institution, Boston University; and Harvard University. The Institute's primary mission is to support scholars doing advanced research in the history of science and technology and favors projects that address events dating back thirty years or more. The Institute generally does not support projects in the history of clinical medicine although it is not always possible to make strict distinctions between the history of medicine and the history of biology. This year, 2004-2005, A Science Writing Fellowship was awarded to a senior Science writer with a substantial track record of reporting for a general audience, who is pursuing a major project related to the Institute's mission.

Senior Fellows Program

Candidates for Senior Fellowships are expected to provide evidence of substantial scholarly experience and accomplishment. They may apply for a second fellowship appointment five years after their first successful application. Scholars may apply to the Senior Fellows program for the Fall Term, beginning August/early September through December 31; the Spring Term, January 1 through May 31 or later, or both terms. The Institute prefers that Senior Fellows apply for a two-term, full-year residency, if possible.

Postdoctoral Fellows Program

Fellowships are awarded to outstanding scholars of diverse countries of origin who have received the Ph.D. or equivalent within the previous five years. Postdoctoral Fellowships run for one year, from September 1 through August 15, and may be extended for a second and final year at the discretion of the Dibner Institute. A second year is

not guaranteed; re-appointments will be considered in conjunction with the other applicants for that year.

Science Writer Fellowship

This appointment is for a calendar year beginning September 1. This Fellow will enjoy the camaraderie of the other Dibner Fellows and the opportunity to participate in the activities of MIT's Graduate Program in Science Writing and the Knight Science Journalism Program. Applications should include a cover letter, resume, a two-page project description, two letters of recommendation, and two writing samples.

Terms and Conditions

All Dibner Institute Fellows are expected to reside in the Cambridge/Boston area during the terms of their grants, to participate in the activities of the Dibner Institute community, and to present their work once during the fellowship appointment. Fellowships provide office space, support facilities and full privileges at the Burndy Library and the libraries of consortium universities.

The deadline for receipt of applications for 2005-2006 is December 31, 2004. Fellowship recipients will be announced in March 2005. Please send requests for further information to:

Trudy Kontoff, Program Coordinator

Dibner Institute for the History of Science and Technology

MIT E56-100, 38 Memorial Drive

Cambridge, MA 02139

Phone: 617-253-6989

Fax: 617-253-9858

Email: dibner@mit.edu

Website: <http://dibinst.mit.edu>

DIBNER INSTITUTE NAMES SENIOR FELLOWS, POSTDOCTORAL FELLOWS and GRADUATE STUDENT FELLOWS for 2004-2005

The Dibner Institute for the History of Science and Technology is pleased to announce the appointments of the Dibner Institute Fellows for 2004-2005. The Institute will welcome eleven Senior Fellows, one Science Writer Fellow, two Senior Research Scholars, four Postdoctoral Fellows, five re-appointed Postdoctoral Fellows, and seven Graduate Student Fellows.

SENIOR FELLOWS

Thomas Archibald is Professor of Mathematics, Acadia University, Nova Scotia. He is author of "Charles Hermite and German Mathematics in France," and has a book manuscript in progress expanding on this article. His project at the Dibner Institute will examine the transformation of the mathematical research community in France between the onset of the Franco-Prussian War and the end of World War I.

Sonja Brentjes is an independent scholar based in Berlin. She is the author of several articles on Islamic science, including "Between Doubts and Certainties: on the Place of History of Science in Islamic Societies" (NTM, 2003). Her research at the Dibner will take a wide view of Islamic science, asking whether different types of dynasties and courts in the Islamic world sponsored different types of scientific activities.

David Cahan, Professor of History at the University of Nebraska, is the editor of *Herman von Helmholtz and the Foundations of Nineteenth-Century Science* (California, 1993) and editor and translator of Helmholtz's letters to his parents and a collection of Helmholtz's philosophical essays. He plans to finish his biography of Helmholtz during his fellowship year at the Dibner Institute.

Olival Freire Jr, Professor, Universidade Federal de Bahia, Brazil, is the author of the book, *David Bohm e a Controversia dos Quanta*, 1999 and numerous articles in Portuguese and English. His project at the Dibner Institute will explore changes in the quantum controversy and the consensus and dissension in physics in the second half of the 20th century.

Giora Hon, University of Haifa, Israel, is well known for such historical and philosophical writings on error in science as "Towards a Typology of Experimental Errors: An Epistemological View" (SHPS, 1989) and "Putting Error to (Historical) Work: Error as Tell-tale in the Studies of Kepler and Galileo" (Centaurus, 2003). At the Dibner Institute he will work on a monograph on error and experimentation and continue his joint effort with Bernard Goldstein on the history of the concept of symmetry.

Cesare Maffioli, who teaches at Ecole Européenne in Luxembourg, is author of *Out of Galileo: The Science of Waters: 1628-1718* (Erasmus, 1994) and editor, with A. Fiocca and D. Lamberini, of *Arte e Scienza delle acque nel Rinascimento*. His project while at the Dibner Institute is to continue work on a volume entitled "The Way of Waters: From Art to Science 1557-1697," which examines the changing relationships between the mechanical arts and the mathematical sciences during the Scientific Revolution.

Conevery Valencius, on the faculty of the Department of History, Washington University, St. Louis, is author of *The Health of the Country: How American Settlers Understood Themselves and Their Land* (Basic, 2002). The book she will be working on at the Dibner Institute, entitled "The River Ran Backward: The Great New Madrid Earthquakes of 1811-1812," will be a history of these intraplate earthquakes and the continuing impact they have had on seismology.

James Voelkel, an independent scholar, is the author of *The Composition of Kepler's 'Astronomia Nova'* (Princeton, 2001) and *Johannes Kepler and the New Astronomy* (Oxford, 1999). At the Dibner Institute he will be producing the first English translation of Kepler's *Rudolphine Tables*, with commentary, tracing the influence these tables had on 17th century astronomy and comparing them with other planetary tables of the time.

Sara Wermiel, an independent scholar who is currently a Visiting Scholar at MIT, is the author of *The Fireproof Building: Technology and Public Safety in the Nineteenth-Century American City* (Johns Hopkins, 2000). At the Dibner Institute she plans to complete her book-length study of the engineering accomplishments of American architect-engineers in the nineteenth century and the emergence of structural engineering as an engineering specialty at the end of this century.

SCIENCE WRITER FELLOW

Seth Shulman, is a free-lance writer, whose most recent book, *Unlocking the Sky* 2002, is a historical narrative about aviation pioneer Glen Curtiss and the birth of the airplane. He has written two other books and hundreds of articles for magazines such as *Smithsonian*, *The Atlantic*, *Parade*, *Discover*, *Rolling Stone* and *Time*. His project while at the Dibner Institute will be the

exploration of the relationship between Alexander Graham Bell and Thomas Alva Edison.

SENIOR RESEARCH SCHOLAR

W. Ford Doolittle, is Professor and Chair of the Department of Biochemistry and Molecular Biology at Dalhousie University, Nova Scotia, and a Member of the U. S. National Academy of Sciences. As a molecular geneticist he has been one of the seminal figures in the new science of molecular phylogenetics. At the Dibner Institute he intends to complete his book, "Tree of Life, Web of Life," which will place in historical context current controversies in microbial molecular phylogenetics.

Alan Stahl is the author of *Zecca: The Mint of Venice in the Middle Ages*, 2000 and editor of *The Documents of Angelo de Cartura and Donato Fontanella: Venetian Notaries in 14th Century Crete*. He will be continuing his work on a scholarly edition of the 15th-century Venetian manuscript of the merchant mariner Michael of Rhodes.

POSTDOCTORAL FELLOWS (First Year)

Kristine Harper received her Ph.D. in History of Science from Oregon State University in 2003. She has finished a book-length manuscript, "Weather by the Numbers: The Genesis of Modern Meteorology," based on her dissertation. At the Dibner Institute she will be working on a new book on the history of efforts on weather control techniques in the post-World War II era and their reception within the private sector and the U. S. government.

Andrew Johnston is a doctoral candidate in Architectural History at the University of California, Berkeley, finishing his dissertation, "Quicksilver Landscapes: Space, Power, and Ethnicity in the Mercury Mining Industry in California and the West, 1845-1920." At the Dibner Institute he will be investigating a historical correlation that he has found between the technologies of mercury amalgamation and the technologies of reducing mercury from its ore, cinnabar.

Takashi Nishiyama is a doctoral candidate at The Ohio State University, writing a dissertation entitled

"Swords into Plowshares: Civilian Application of Wartime Aeronautical Technology in Modern Japan, 1918-1963," based on extensive archival work he has carried out in Japan. At the Dibner Institute he will be continuing his research on technology transfer from aeronautics to the high-speed bullet train in post-War Japan.

Chen-Pang Yeang is a doctoral candidate in MIT's Program in Science, Technology, and Society, writing a dissertation on long-distance radio-wave propagation and technologies for dealing with interference from 1900 to 1940. His principal project while at the Dibner Institute will be to turn his dissertation into a book, though he also intends to expand upon research he has done on Newton's theory of comet orbits.

POSTDOCTORAL FELLOWS (Second Year)

Peter Bokulich received his Ph.D. in philosophy from the University of Notre Dame in 2003. His dissertation analyzed proposed solutions to Hawking's information loss paradox by invoking Niels Bohr's epistemology of complementarity. At the Dibner Institute he is completing a book exploring controversies about quantum electrodynamics in the 1930s and 1940s and their later transformation when applied to the gravitational field.

Claire Calcagno received her Ph.D. in Archaeology from Oxford University and was then a Visiting Scholar in MIT's Program in Science, Technology, and Society, working in the Deep-Water Archaeology Research Program. Her research at the Dibner Institute is focusing on Harold Edgerton's innovative engineering contributions to maritime archaeology, including various instruments he designed that now reside in the MIT archives.

Dane Daniel received his Ph.D. in September 2003 from Indiana University. He is the author of the article "Paracelsus on Baptism and the Acquiring of the Eternal Body," in *Paracelsian Moments*, ed. Williams and Gunnoe (2002). At the Dibner Institute he is working on an English translation of the *Astronomia Magna*, continuing his study of Paracelsus's unedited theological manuscripts, and preparing his book on Paracelsus for publication.

Gerard J. Fitzgerald received his Ph.D. from Carnegie Mellon University in 2003. He is currently working on a book-length manuscript, expanding on his dissertation on the medical and technological history of airborne disease. He is also completing a chapter on the history of industrial microbiology for a forthcoming Dibner publication, "The Business of Life: A Century of Life Sciences, Industry, and Biotechnology in International Perspective."

David Pantalony, received his Ph.D. from the University of Toronto, and recently worked as a curator of scientific instruments at Dartmouth College. He is the author of the article in press, "Rudolph Koenig's Workshop of Sound: Instruments, Theories and the Debate over Combination Tones," in *Annals of Science*. He is co-author of a forthcoming book on Dartmouth's instrument collection. At the Dibner he is completing a book about the Parisian nineteenth-century instrument maker and scientist, Rudolph Koenig.

GRADUATE STUDENT FELLOWS

Alexander Brown, a student in MIT's Program in Science, Technology and Society, received first class honors from University of Otago, New Zealand. The title of his thesis is "From Apollo I to Columbia: Accidents, Politics and Engineering Cultures at NASA, 1967-2003."

Luis Campos, Department of the History of Science, Harvard University, received the A.B. with honors from Harvard, and a M. Phil. First-Class from the University of Cambridge. His dissertation explores the strong connection between radioactivity and the origins of life in the first decades of the twentieth century.

Abena Dove Osseo-Asare, Department of the History of Science, Harvard University received the A.B. from Harvard, *magna cum laude*. The title of her dissertation is "Representing Poison: Scientists, Healers and the Transformation of Plant Medicine in Ghana (1850-2000)," in which she explores the interactions between scientists and healers vying for control of information on therapeutic plants.

Peter Shulman, a student in MIT's Program in Science, Technology and Society, received his B.S. in

Mathematics from MIT. He is the author of "Science Can Never Demobilize: The United States Navy and Petroleum Geology, 1898-1924," *History and Technology*, 2003. His dissertation will explore the history of alternative energies in the United States, 1890s - 1940s.

Jenny Leigh Smith, a student in MIT's Program in Science, Technology and Society, received the B.A. from Macalester College. Her dissertation, "The Soviet Farm Complex: Socialist Agriculture in an International Context, 1948-1972," explores the long-term implications of agricultural industrialization in the Soviet Union.

Dr. Katrien Vander Straeten, is a student in Boston University's Center for Philosophy and History of Science. In 2003 she received the Ph.D. with Greatest Distinction from the Free University of Brussels. The tentative title of her dissertation at Boston University is "Reasons & Causes: Kant's Debt to Leibniz with regard to Causality."

Anya Zilberstein, a student in MIT's Program in Science, Technology and Society, received the B.A. summa cum laude from the University of Massachusetts, Amherst. For her dissertation she will explore the history of agriculture in the Atlantic colonies of the British Empire, late 17th - early 19th century.

NATIONAL HUMANITIES CENTER FELLOWSHIPS 2005-2006

Purpose and Nature of Fellowships. The National Humanities Center offers 40 residential fellowships for advanced study in the humanities during the academic year, September 2005 through May 2006. Applicants must hold doctorate or have equivalent scholarly credentials, and a record of publication is expected. Senior and younger scholars are eligible, though the latter should be engaged in research beyond the revision of a doctoral dissertation. Scholars from any nation may apply. In addition to scholars from all fields of the humanities, the Center accepts individuals from the natural and social sciences, the arts, the professions, and public life who are engaged in humanistic projects.

Areas of Special Interest. Most of the Center's fellowships are unrestricted. The following designated awards, however, are available for the academic year 2005-06: three fellowships for scholars in any

humanistic field whose research concerns religion; three fellowships for young scholars (up to 10 years beyond receipt of doctorate) in literary studies; a fellowship in art history or visual culture; a fellowship for French history or culture; a senior fellowship in Asian Studies, theology, or American art history.

Stipends. Fellowships up to \$50,000 are individually determined, the amount depending upon the needs of the Fellow and the Center's ability to meet them. The Center provides travel expenses for Fellows and their dependents to and from North Carolina.

Facilities and Services. Located in the Research Triangle Park of North Carolina, near Chapel Hill, Durham, and Raleigh, the Center provides an environment for individual research and the exchange of ideas among scholars. The Center locates suitable housing for Fellows in the neighboring communities. The Center's building includes private studies for Fellows, conference rooms, a central commons for dining, lounges, reading areas, a reference library, and a well-equipped Fellows' workroom. The Center's library service delivers books and research materials to Fellows. The Center also provides support for information technology and editorial assistance.

Support. Fellowships are supported by the Center's endowment, private foundation grants, alumni contributions, and the National Endowment for the Humanities.

Deadline and Application Procedures Applicants submit the Center's form supported by a *curriculum vitae*, a 1000-word project proposal, and three letters of recommendation. You may request application material from Fellowship Program, National Humanities Center, Post Office Box 12256, Research Triangle Park, North Carolina 27709-2256, or obtain the form and instructions from the Center's website. Applications and letters of recommendation must be postmarked by October 15, 2004.

Website: <http://www.nhc.rtp.nc.us> Email: nhc@ga.unc.edu

The National Humanities Center does not discriminate on the basis of race, color, sex, religion, national or ethnic origin, handicap, sexual orientation, or age.

EMPLOYMENT

Professorship in the History of Modern Biology

The Department of the History of Science at Harvard University invites applications for a senior professorial position in the history of the modern biological sciences (post-1859 to the present). The field is open, but scholars of biotechnology, genetics, molecular biology and evolutionary theory are of particular interest, as are scholars whose historical work draws on methodologies from fields such as anthropology, sociology, science studies, philosophy, and public policy. This appointment will play a crucial role in our department's work in the biological sciences-- and must be someone whose research and teaching speak compellingly to both graduate students and undergraduate students, while linking productively to related work in the department and across the university. While the focus of the search is on identifying a candidate at the senior (full professorial) level, the appointment could be made at the advanced associate professorial level (untenured).

Harvard University is an affirmative action/equal opportunity employer committed to diversity. Women and minority candidates are encouraged to apply. While the closing date for applications is October 1, 2004, initial expressions of interest to the search committee (letter, c.v. and publications list) should be received by August 15, 2004; and may be sent c/o Professor Anne Harrington, Chair, Senior Search in the History of Biology, Department for the History of Science, Harvard University, Science Center 371, Cambridge, MA 02138, U.S.A.; or electronically to aharring@fas.harvard.edu.
<http://www.fas.harvard.edu/~hsdept/>

RECENT PUBLICATIONS

Great Feuds in Technology, by Hal Hellman (John Wiley and Sons, 2004).

Starting with the beginnings of the Industrial Revolution and ranging up to the present, the book considers ten major feuds and their effects on the course of

technology. Further information can be obtained at www.greatfeuds.com.

Dyes Made in America, 1915-1980: The Calco Chemical Company, American Cyanamid, and the Raritan River, by Anthony S. Travis (Hexagon Press, 2004). This book tells the story of the rise of the modern American organic chemical industry through a representative facility, New Jersey's Calco Chemical Company.

PRIZES AND AWARDS

Edmund Russell of the University of Virginia received the Leopold-Hidy Prize of the American Society for Environmental History and Forest History Society. The prize is for the best article published in *Environmental History* in 2003. The winning article is "Evolutionary History: Prospectus for a New Field," *Environmental History* 8 (April 2003): 204-228.

OTHER NEWS

Real Estate Development and the Brooklyn Bridge

A proposal to construct a 178-foot residential building just 70 feet from the historic Brooklyn Bridge is moving through the New York City zoning variance process. This proposal has provoked sustained protest from civic groups and individuals who argue that the proposed building is inappropriate for its site. The height of the new building will loom 100 feet above the bridge's pedestrian walkway, only 70 feet away from the span of the Brooklyn Bridge, and impede important view corridors. At risk are incomparable views of and panoramic vistas from the bridge, which attract thousands of visitors each year, and at risk is a diminishing of the landmark bridge by setting a new precedent. This has alarmed many who believe that, "this national icon of engineering, aspiration and architectural grace is clearly threatened."

Real estate development adjacent to the historic Brooklyn Bridge (on the Brooklyn side) has heated up over the past five years, with many industrial buildings

readapted for luxury residential use. The current proposal calls for demolition and new construction. The immediate area around the site is made up of post-Civil War era Empire Stores and Tobacco Warehouses and three and four story industrial buildings. The riverside Empire-Fulton Ferry State Park lies directly across the street. All who value the Brooklyn Bridge's historic import and beauty have a say. For more information, contact SHOT member Ann Schoenfeld, aasbrook@aol.com

British Society for the History of Science

The British Society for the History of Science List of Theses, formerly produced as a print volume, has now been re-launched as a searchable online publication. Go to <http://www.bsbs.org.uk/theses/> to see the newly updated version.

The List exists primarily to give details of theses and dissertations currently in progress, or recently completed, in the history, philosophy and social studies of science, technology, medicine, mathematics, engineering and studies of mind, at academic institutions in the UK and Republic of Ireland. The information collected is as follows: author's name; title; institution and department; supervisor(s); date of commencement or completion. The current version includes material recently supplied by institutions, along with information on completed theses from the 2002 print version. Although some earlier theses are included, we have not extended coverage systematically to the pre-2002 period: offers of assistance in collecting data are welcome. Future additions to the List will be cumulative.

The List provides information only on completed theses (whose existence is public knowledge), and on theses in progress where permission has been obtained from the institutions responsible. To comply with data protection regulations, and as a matter of policy, BSBS will not publish information on abandoned or suspended theses except by the author's own request, or on theses whose status is uncertain. If you believe an entry should be removed, please contact us.

ELECTIONS

The 2004 ballot is located at the end of the newsletter. Once again, SHOT is offering on-line balloting through

the SHOT website. There are links to the on-line ballot on the Annual Meeting page, the site map, and the web version of the newsletter. You must enter your membership number when voting on-line. This is for security reasons only, and your ballot is still anonymous in the results database. Your membership number is located above your name on the mailing label of this newsletter.

You may also return the paper ballot from the printed newsletter. Please note that, as with last year, faxed copies will not be accepted.

CANDIDATE BIOGRAPHIES

Vice President/President-Elect

Joseph Corn

I did not know I was an historian of technology until I discovered SHOT. That was in 1979 while a post-doc at the Smithsonian's National Air and Space Museum, where I went after finishing my dissertation at UC Berkeley. A curator at NASM told me about the Society, founded nearly twenty years earlier, and urged me to attend its upcoming meetings in Newark, New Jersey. At first I resisted, explaining that I was a cultural historian and not interested solely in technology. In the end, I took the curator's advice and went to my first SHOT convention, and it proved a turning point in my life: socially, intellectually, and professionally.

Socially, I enjoyed a meeting attended by just a few hundred people rather than thousands. I also learned, at my first breakfast in Newark, that senior members paid attention to younger scholars. Knowing virtually no one, I sat down at the hotel coffee shop counter next to an older gentleman. He introduced himself, inquired after my field, and we started to talk. At the time I was worried about the looming deadline for my manuscript, which would eventually appear as, *The Winged Gospel: America's Romance with Aviation* (1983; 2002). The man offered some advice: "Don't worry about being a few months late meeting your publisher's deadline; I'm over fifteen years late with my manuscript. They'll publish it when they get it." This wisdom came from the well-known historian, Robert V. Bruce, whose own tardy manuscript, a book on the history of early American science, would not appear for eight more years. By the end of the

conference, I'd made a number of friends among this diverse and friendly group of historians, engineers, museum curators, writers, and others interested in technologies who believed their manufacture, use, consequence, and place in human discourse mattered.

Intellectually, the conference disabused me of my narrow stereotypes, and I left Newark knowing that I was indeed an historian of technology. SHOT has been my professional "home" ever since. It was been an invaluable compliment to my teaching and research at Stanford University, where I have been since 1980, and to my work over the years as a museum consultant, guest curator, and exhibit reviewer. I have consulted or collaborated with SHOT colleagues on virtually all of my publications, including *Yesterday's Tomorrows: Past Visions of the American Future* (1984) and *Imagining Tomorrow* (1986) and my own overdue project, a book about the history of users of complex personal technologies. Because my intellectual life has been so bound up with SHOT and its members, I have been happy to serve the Society over the years on the Executive Council as well as the Robinson, Dibner, and Dexter (now Edelstein) Prize committees, each of which I also chaired; most recently I was elected to the Editorial Committee.

I tell my SHOT story not because it is unique but because so many have acknowledged the Society's special qualities and the opportunities it offers its members. Were I elected as your vice president and president elect, I would dedicate myself to preserving and extending these traditions. From my perspective, SHOT faces a number of challenges. First, the costs of editing and producing a first-class scholarly publication like *Technology & Culture* are rising. We are also experiencing increasing difficulty finding universities, museums, or other institutions willing to subsidize *T&C's* editorial staff. Two years ago our officers launched a "Campaign for SHOT" to raise funds to support the editor's position. We made a good start but fell considerably short of our goal. We need to revive this effort to endow our journal so as to ensure its continued health. Ironically, *T&C* may soon add to our fiscal shortfall. Shortly the journal will be available free, on-line, while back issues will be available through JSTOR subscription. The benefits of electronic distribution will be undeniable, as scholarship in the history of technology will immediately reach a wider audience. But SHOT's revenues may suffer as one of the major incentives members have to pay dues will disappear.

Furthermore, our move to electronic publishing and archiving will emphasize SHOT's somewhat minimal presence on the web. I thus share President David Hounshell and vice president Rosalind Williams's belief that we must more aggressively utilize the web to distribute material of value, to members, other historians, and the public generally. Such an initiative will also cost money.

Another challenge we face is to realize SHOT's potential to become the "international" Society we have claimed to be since our beginnings. Over the last decade or so, we have made progress. We now meet periodically in the U.K. or Europe, facilitating attendance by our European colleagues who can more readily share their scholarship face-to-face. Similarly, under John Staudenmaier's energetic entrepreneurship *T&C* has undergone a welcomed "globalization," publishing more work by non-Americans and essays about the world beyond the U.S. Organizationally, too, SHOT now has had a greater number of Europeans participating on its committees and serving on the Executive Council. Yet much remains to do in this area, and if elected I will continue to seek ways to increase our international visibility and better utilize the talents of our international members and support their activities.

Finally, I believe we must work harder if we are to preserve the intellectual diversity, which drew so many of us to SHOT in the first place. Beyond our need to increase the involvement of non-Americans, women, and people of color in our Society, I'm thinking about diversity of vocation and occupational background. My sense is that SHOT attracts fewer practicing engineers and technologists, and fewer journalists and writers to its gatherings than it did in the past. Museum-based historians and curators also seem less conspicuous. I worry that we are becoming a more homogeneous society, a group of now mostly academic historians that is missing out on the enriching cross-fertilization that comes from engaging with people in other professions and fields. If elected I would urge us to examine these trends and see what SHOT might do to retain its reputation as a "big tent" organization, a place where many sorts of people come together, united primarily by their belief in the importance of technical thought and endeavor.

Steve Usselman

My current post is Associate Professor in the School of History, Technology, and Society at the

Georgia Institute of Technology. After studying engineering and history as an undergraduate, I earned my doctorate through Delaware's Hagley Program, and later spent a decade on the History faculty at UNC-Charlotte. Since coming to Georgia Tech in 1996, I have taught a variety of courses in the history of technology, the culture and practice of engineering, and American political economy, and until recently I directed our doctoral program in the History and Sociology of Technology and Science. While grounded firmly in history, my professional activities have a strong interdisciplinary flavor. They include team-teaching with colleagues in engineering, management, computer science, and the history of science, and presentations before professional groups in fields ranging from law, policy, economics, and business to computer programming and engineering education, as well as history. My research employs an interdisciplinary historical perspective to examine technical innovation in its social, political, and economic context. Studies of computing and communications technologies and of nineteenth century railroading have appeared in numerous book chapters, reference works, and scholarly journals, including *Technology and Culture*. Two have won Newcomen Prizes for scholarly excellence. A recent book, *Regulating Railroad Innovation: Business, Technology, and Politics in America, 1840-1920* (Cambridge University Press, 2002), has received the Ellis W. Hawley Prize from the Organization of American Historians (OAH) and the Hilton Prize in railroad history. Current projects include a book, tentatively entitled "IBM and the Dynamics of Innovation in American Computing," and an edited collection on innovation in twentieth century America. A SHOT member for twenty-five years, I have served on the Levinson Prize committee, as member and chair of the Editorial Committee, and as local arrangements chair for the Atlanta meeting. Currently I sit on the Executive Council and chair its Task Force on New Initiatives.

Statement of Purpose

"Just don't screw it up." This is the first thought that comes to mind when I contemplate serving as SHOT's vice president and president. During my quarter-century affiliation with the Society, I have come to appreciate what a truly rare gem SHOT is. Where else can one find such a diverse array of outstanding scholars and professionals, committed to reaching many audiences through multiple outlets and media, yet sustaining such warm collegiality and a delightfully nurturing

environment? Glance through a program from an annual meeting or an issue of *Technology and Culture* and you will find material pertaining to a truly remarkable range of topics, approached from a fascinating variety of perspectives. What binds this diverse lot, apparently, is a simple shared belief that technology matters a great deal to our complex human cultures, and that history has something to teach us about how and why it matters. It's all quite a wonder, really, and surely something to be treasured and handled with care.

Yet, it does need some handling. SHOT does not go of itself. Many talented people have worked diligently through the years to keep our affairs in order. And the task is not getting any easier. Though SHOT has grown admirably during its first half-century and seemingly become a fixture, it faces some real challenges. As David Hounshell has stressed during his tenure, our financial standing is not so secure as one might like. We currently rely on substantial subsidies from institutions that house our journal and our secretary's office. We cannot count on these indefinitely. Much of our revenue comes from our outstanding journal, but the flow of income from that source is shifting rapidly as libraries trim their budgets and individuals increasingly access the journal electronically. Regardless of how we might feel about such developments individually, we cannot as an organization avoid thinking about the implications of a world in which readers (and revenue) come through visitors linking to specific items in the journal, rather than from subscribers who browse each issue whole.

Thankfully, the Executive Council has already begun to confront these matters and taken steps toward turning our challenges into opportunities. The Campaign for SHOT, a grant application to support the editorship, and experiments such as the writer's workshop all represent steps in the right direction. The Council's Task Force on New Initiatives, which I recently agreed to chair, seeks to build on these efforts. We are looking for ways to reach out to communities who might benefit from the diverse expertise and learning of our members.

Two potential constituencies I would particularly like to see us engage are engineering educators and policy makers. SHOT has contributed much of value to these areas in the past. With new accreditation requirements in engineering and heightened interest in policy circles about issues such as intellectual property, privacy, the environment, and racial and

gender equity, it is time to reinvigorate our efforts in this regard. We have important perspectives to offer on many subjects if we can build better bridges to our colleagues in professional schools and in the wider community of practitioners. Some of this will entail personal collaboration across disciplines and professional societies, but we should also exploit opportunities opened by electronic media. A revamped SHOT website that serves as a portal to our discipline, for instance, would be of great value to such outreach activities. Any such efforts must, of course, draw upon the talents and energies of our members. But I believe my intellectual interests and professional associations with people and organizations from a wide array of disciplines leave me well positioned to help facilitate such activities.

Another rich vein of opportunities we can tap is that opened by mounting interest in globalization. SHOT is out in front of many groups in this regard, both in its organizational structure and in its intellectual content. Again, we have much to offer, but we must raise our profile, in part by continuing to broaden our own international membership. I am very pleased that a new committee of the Executive Council has energetically taken on this task. The EU project is another encouraging sign, one that I hope we can emulate in other areas of the world.

None of this is meant to imply that I would seek to impose some strong will or vision upon SHOT. The roles of the vice president and president, as I see them, are primarily those of steward and facilitator. Given the challenges outlined above, this will necessarily involve expending some effort toward sustaining the momentum built by the current Council to help secure SHOT's future. The ultimate goal, however, is to preserve and enrich those elements that have always made SHOT so special – its breadth, its diversity, its warmth, and its active engagement with matters of such vital importance to all humanity. It would be a great privilege to help SHOT celebrate and expand upon those qualities as the Society enters its second half-century.

Treasurer

Richard Hirsh

Richard Hirsh has served as SHOT Treasurer since 2001. He is a professor in the Department of History and Program in Science and Technology Studies at Virginia Tech. He earned his Ph.D. in History of Science from the University of Wisconsin-Madison in

1979 and an M.S. in Physics from UW-M in 1980. His additional SHOT experience includes: IEEE Life Members' Prize in Electrical History, Member, 1996; Finance Committee, Member, 1990-91, 1993-4, Chair, 1991-93 (major accomplishment: drafting an investment plan for SHOT); Sites Committee, Member, 1987-89, Chair, 1989-90; Robinson Prize Committee, Member, 1985-86, Chair, 1987; Member, Awards Committee, 1986, 1987. Hirsh is the director of Virginia Tech's Consortium on Energy Restructuring. His research focuses on the deregulation and restructuring of the American electric utility system. His publications include *Power Loss: The Origins of Deregulation and Restructuring of the American Electric Utility System* (MIT Press, 1999); *Technology and Transformation in the American Electric Utility Industry* (Cambridge University Press, 1989), and *Glimpsing an Invisible Universe: The Emergence of X-Ray Astronomy* (Cambridge University Press, 1983).

Executive Council

Michael Adas

As a glance at my vita will make readily apparent, I've become a historian of technology by way of a very unconventional trajectory. Though my graduate work at the University of Wisconsin was in comparative and global history with an emphasis on South and Southeast Asia, my Ph.D. research and publications in the early 1970s on European colonialism, agrarian development, and peasant responses were informed by issues relating to technological change and its repercussions. These connections were more readily apparent in my subsequent studies of peasant protest movements involving millenarian and avoidance strategies to offset the power of technologically superior, industrialized colonial powers, such as those analyzed in *Prophets of Rebellion* (1979). Since the early 1980s, my research, writing, and teaching have been centered on the ways in which the scientific and industrial revolutions in the West have made for its unprecedented dominance over all other culture areas of humanity, and the ideologies and impetus for change in colonized societies, and since World War II in developing nations, that this asymmetry generated. Questions related to these processes have been the focus of two of my more recent books, *Machines as the Measure of Men: Science, Technology and*

Ideologies of Western Dominance (1989) and a forthcoming (2005) study of *Dominance by Design: Technological Imperatives and America's Civilizing Mission*.

Participation in recent years on SHOT panels and plenary sessions on the introduction of Western technology into colonized societies and the technological ramifications of 9/11 has heightened my awareness of how much members of the society have to share on urgent contemporary issues with scholars in other fields and the American public more generally. If elected to the Executive Council, I would seek find ways to enhance SHOT's participation in the meetings of the AHA and other professional societies; to encourage institutions of higher learning to increase hiring of young scholar/teachers specializing in the history of technology; and to secure funding for public forums, exhibitions, and other venues through which specialists on technology can share their findings with audiences beyond academe. I would also work to expand the global and comparative dimensions of the collaborative efforts of historians of technology, in part by seeking to extend the international connections that SHOT has so successfully established in recent years on a trans-Atlantic basis more fully to non-Western scholarly communities.

Kenneth Alder

Ken Alder, Professor of History, Northwestern University; Director, Science in Human Culture Program. My first professional conference was SHOT/1990 and I published my first article in *Technology & Culture*. I have served on *T&C's* advisory board since 1997, and my first scholarly book, *Engineering the Revolution: Arms and Enlightenment in France* (Princeton, 1997) won SHOT's 1998 Dexter/Edelstein Prize. Looking forward, I agree with the many SHOT members who think we should engage the general public on global issues of science and technology (especially now!). In my view, one of the most effective ways to do this is to practice our craft in the public eye: in exhibits, through education, and in our writings. My most recent book, *The Measure of All Things* (Free Press, 2002) was a popular account of the two scientists who defined the meter by measuring the meridian during the French Revolution, a quixotic tale set against the emergent global economy and the limits of scientific certainty. The book won the Davis Prize (History of Science Society) and the Dingle Prize

(British Society for the History of Science) for best book for a general audience, and the Kagan Prize (The Historical Society) for best book in European history. It has been translated into 14 languages. My forthcoming book, on the history of the American lie detector, examines the technologies of interrogation from Prohibition to the Cold War to our current debacle. The shelves of our "local" Barnes & Noble superstores are crammed with hagiographic "pop" histories of trans-Atlantic cables and other heroic technological achievements. I will work with SHOT to establish workshops to help members write critically engaged histories of technology in an accessible mode, and create a permanent clearinghouse to find outlets for these works at commercial presses.

Wiebe Bijker

Wiebe E. Bijker is professor of Technology & Society at the University of Maastricht, The Netherlands. He was trained as an engineer and physicist (Delft Technical University), studied philosophy (Groningen University), and received a PhD in the history and sociology of technology (Twente University). Bijker is past President of the Society for Social Studies of Science (4S), was Dean of the Faculty of Arts and Culture in Maastricht, and is chairman of the board of the Netherlands Research School on Science, Technology and Modern Culture. He is also (with Bernard W. Carlson and Trevor Pinch) founding co-editor of the monograph series Inside Technology of MIT Press. Two of his publications are: *Of Bicycles, Bakelites and Bulbs. Toward a Theory of Sociotechnical Change* (1995) Cambridge, MA, MIT Press; and (with Karin Bijsterveld) "Women Walking through Plans—Technology, democracy and gender identity." *Technology & Culture*, (2000) 41(3), 485-515. Bijker's current research concerns the relations between technology and politics, and is particularly focused on the vulnerability of high-tech societies. "In SHOT's Executive Committee, my primary aim would be to help maintain SHOT's style of theoretically informed historical studies of technology in culture. I also hope to contribute to continuing the effective and intellectually stimulating communication between SHOT and the other scholarly societies in the field of STS."

Roger Launius

Roger D. Launius is chair of the Division of Space History at the Smithsonian Institution's National Air and Space Museum in Washington, D.C. Between 1990 and 2002 I served as chief historian of the National Aeronautics and Space Administration and earlier as an historian with the U.S. Air Force. A graduate of Graceland College in Lamoni, Iowa, I received his Ph.D. from Louisiana State University, Baton Rouge, in 1982. I have written or edited more than twenty books on aerospace history, including *Space Stations: Base Camps to the Stars* (Smithsonian Books, 2003), which received the American Institute for Aeronautics and Astronautics' history manuscript prize;

Reconsidering a Century of Flight (University of North Carolina Press, 2003), edited with Janet R. Daly Bednarek; *To Reach the High Frontier: A History of U.S. Launch Vehicles* (University Press of Kentucky, 2002), edited with Dennis R. Jenkins; *Imagining Space: Achievements, Possibilities, Projections, 1950-2050* (Chronicle Books, 2001), with Howard E. McCurdy; *Reconsidering Sputnik: Forty Years Since the Soviet Satellite* (Harwood Academic, 2000), edited with John M. Logsdon and Robert W. Smith; *Innovation and the Development of Flight* (Texas A&M University Press, 1999); *Frontiers of Space Exploration* (Greenwood Press, 1998, rev. ed. 2004); *Spaceflight and the Myth of Presidential Leadership* (University of Illinois Press, 1997), edited with Howard E. McCurdy; and *NASA: A History of the U.S. Civil Space Program* (Krieger Publishing Co., 1994, rev. ed. 2001).

I have acted as a reader for publishers, as a member of the governing councils of several historical associations, and on the editorial boards of numerous journals. I am an active member of several professional associations, among them the American Astronautical Society, where I am a fellow and member of the board. I am a past president of the Society for History in the Federal Government, the Mormon History Association, and the John Whitmer Historical Association.

I am also frequently consulted by the electronic and print media for commentary on space issues. My research interests encompass all areas of U.S. and space history and policy history, especially cultural aspects of the subject and the role of executive decision-makers and their efforts to define space exploration. I am presently writing a book on "Project Apollo in American Myth and Memory."

SHOT has been one of the professional touchstones of my career in aerospace history. I have presented at several SHOT conferences, read manuscripts and written book reviews for *Technology and Culture*, and served formally and informally on several of its groups and panels. Its value as a professional organization is beyond dispute, but I believe that it must engage more fully than in the past the public history community of which I have been a part since 1982. There are historians of technology throughout this larger world—from federal historians in the Department of Defense to private museums of industry—that could benefit from participation in SHOT. I would like to help public historians become more involved in SHOT, as well as help SHOT members understand more fully the public history arena. If I am elected to the Executive Council, I would like to work to reach out to other communities on behalf of SHOT.

Nina Lerman

Nina Lerman (Associate Professor, Whitman College). A member of SHOT since 1988, I have served on the Robinson Prize Committee, the Nominating Committee, on ad-hoc committees on "Education and Outreach" and "SIG Awards and Prizes," and as Executive Board member of WITH. I guest edited the special issue of *T&C* on "Gender Analysis and the History of Technology" (1997) and the SHOT-sponsored reader *Gender and Technology* (JHUP 2003) with Ruth Oldenziel and Arwen Mohun. I recently completed 6 years as online editor of the listserv H-SCI-MED-TECH and now serve on its Editorial Board. My research addresses questions of access to and meanings of technological knowledge, examining connections between material know-how and social and cultural expectations for different categories of knowers.

I would bring to the Executive Committee the perspective of someone who, as broadly defined US Historian in a small undergraduate college, has kept widely connected in our field but has also learned to converse with my so-called mainstream colleagues. SHOT and *T&C* remain my scholarly home because of our relentless chronological, geographic, and methodological diversity, and our traditional welcoming of anyone with ideas to share. At the same time, we face the paradoxical challenge of needing to look after "our own," to find employment for the graduate students we train and to foster connections

within the international community of interested scholars. I do not find outreach and internal support mutually exclusive; on the contrary, developing support with an eye to diversity and outreach with an eye to strengthening the field seem to me to be the tasks of the next decade or so for the Society.

Amy Slaton

I hold a PhD from the University of Pennsylvania, and am an associate professor in the Department of History and Politics at Drexel University, where I also direct our Master's Program in Science, Technology and Society. My research centers on issues of social equity in American engineering, as those issues play out in the formation of technical knowledge, standards, instruments, skills and institutions. My first book focused on the entrance of materials science into the construction industries after 1900, and the displacement of traditionally skilled artisans by degree-holding engineers in that setting; a related article in *Technology and Culture* received the 2003 Usher Prize. Teaching at a technical university has alerted me to enduring inequities within contemporary engineering practice, and my current research, funded by the NSF and forthcoming in book form from Harvard University Press, offers a history of racial exclusion in American engineering education since 1945. I think that SHOT is particularly well positioned to bring scholarly and popular attention to the powerful ways in which technologies embody discrimination, including in such areas as labor, consumption, the built environment, and corporate R&D. I would like to see the society extend its concerns to pedagogical and scholarly projects that engage the Historically Black Colleges and Universities. Our ability to highlight the social consequences of technological change positions us perfectly for outreach efforts to engineering societies at student- and professional levels, as well. I have worked with groups addressing ABET humanities requirements, with the National Academy of Engineering, and as a consultant on museum and public history projects, and in each case have seen likely avenues for SHOT's energetic interdisciplinary outreach. I have been a member of SHOT since 1988, serving on the Robinson, Levinson, Nominations, Da Vinci and Secretarial Search Committees, and would value the chance to serve on the Executive Council.

Editorial Committee

Regina Blaszczyk

Regina Lee Blaszczyk is an historian whose work focuses on relationships among technology and design, the rise of consumer society, and the evolution of the American business system. Her first book, *Imagining Consumers: Design and Innovation from Wedgwood to Corning* (Baltimore: Johns Hopkins University Press, 2000; paperback 2002), received the Hagley Prize for the Best Book in Business History and was named a Choice Outstanding Academic Title for 2001. She is co-editor, with Philip B. Scranton, of *Major Problems in American Business and Economic History* (Boston: Houghton Mifflin, forthcoming 2005), and author of *The Rise of American Consumer Society* (Wheeling, Ill.: Harlan Davidson, forthcoming). Interested in writing history for both scholarly and popular audiences, Blaszczyk has also contributed to numerous exhibitions, film projects, and Web sites.

Based in Philadelphia, Blaszczyk is affiliated with the Hagley Museum and Library as a Senior Research Associate, and with the Chemical Heritage Foundation as a Senior Scholar. From 1978 to 1989, she served on the curatorial staff of the Smithsonian National Museum of American History in Washington, DC. Between 1995 and 2002, she held the Endowed Chair in American Material Culture in the American Studies Program at Boston University, and in 2002-2003, she served as Director of the Beckman Center for the History of Chemistry at the Chemical Heritage Foundation.

She holds a B.A. in art history from Marlboro College and a M.A. in American civilization from George Washington University. She attended the Hagley Program in the History of Industrialization at the University of Delaware, where she received a M.A. and a Ph.D.

A SHOT member since the early 1990s, Blaszczyk is a recipient of the Robinson Prize and has served on the Dibner Committee for Excellence in Museum Exhibitions. As a member of SHOT's editorial committee, Blaszczyk would work to deepen Technology and Culture's commitment to interdisciplinary scholarship that links the history of technology to important questions about culture and society. She is especially eager to encourage work that considers technology in the context of material life at large.

Colleen Dunlavy

Professor of History, University of Wisconsin-Madison. B.A., University of California-Berkeley, 1980; Ph.D., M.I.T., 1988. In my teaching, I try to integrate the history of technology with business history, labor history, and the history of public policy and to put the American experience in comparative perspective. My core interest is in the impact of politics, broadly construed, on industrial change. My book, *Politics and Industrialization: Early Railroads in the United States and Prussia* (1994), was co-winner of the Thomas Newcomen Prize. I have also authored, among other things, an article on "technology" for the Oxford Companion to United States History (2001). Currently I am completing a book entitled *Shareholder Democracy: The Forgotten History*. This is a history of shareholder capitalism in the nineteenth century; it traces the emergence of plutocratic voting rights (one vote per share) in the U.S. and the persistence of more democratic forms of voting rights in Britain, France, and Germany. Once that is finished, I will return to an earlier book project on industrial policies, corporate strategies, and technological change in the U.S. and Germany, 1870s-1910s.

I have been active in SHOT since at least 1991, when I chaired an ad hoc committee on international relations and co-chaired the local arrangements committee. Since then, I have served on the Nominating Committee (1992-95), on an ad hoc constitutional review committee (1994-95), on Technology and Culture's Board of Advisory Editors (1990-97), as *T&C's* book review editor (1995-97), on the Executive Council (1995-98), and on the Sites Committee (1998-2001). As a member of the Editorial Committee, I would encourage and support SHOT's long-standing efforts to encourage diversity in all its guises-social, methodological, chronological, topical, and geographical-and to strengthen its ties to historians outside of the U.S.

Nominating Committee

Gregory Clancy

I've lived in Singapore for five years now as an assistant professor of history at the National University, and, given the distance, I have to work harder to keep in touch. I'd like to renew and deepen my involvement with SHOT, an organization that's been very good to me, and bring something of an Asian perspective to a group of scholars whose geographic strengths are in North America and Europe. I've cultivated close ties

among like-minded scholars of technology and technoscience from Singapore, Japan, Taiwan, Korea, Australia, and elsewhere in this region, and want SHOT members to know what a fertile field east and Southeast Asia are for technology studies. With planning and interest, we may even be able to arrange an annual meeting in this part of the world within a decade. The principal thing I can bring to the nominating committee is this broadened sense of the field's geography. I've recently co-edited *Historical Perspectives on East Asian Science, Technology, and Medicine* (Singapore University Press, 2002) a collection of over 60 papers by primarily Asia-based scholars, and my book *Foreign Knowledge: The Cultural Economy of Japanese Earthquakes* is forthcoming from University of California Press. I also write a lot these days about the concept of 'emergency' and the bombing of cities.

Øyvind Thomassen

Øyvind Thomassen is an associate professor in Department for Interdisciplinary studies at the Norwegian University of Science and Technology, Center for Technology and Society. Thomassen works at the intersection between the histories of science and of technology. He has written the history of Norwegian regional planning with a perspective from the history of science and technology. At the moment he is in the final part of writing the history of the Internet in Norway. Another interest is history of knowledge and changes in relations between nature and culture. He is, at the moment, developing a project on historical changes in humans' relations to animals that are not entirely cultivated nor entirely "wild". He sees it as important for SHOT to have an open mind for developments in other "societies" and to have an interdisciplinary and cross-cultural attitude when we study and develop history of technology.

**BE SURE TO CHECK THE
SHOT WEBSITE FOR
ANNOUNCEMENTS AND
INFORMATION THAT
ARRIVED TOO LATE FOR
INCLUSION IN THIS
QUARTER'S
NEWSLETTER!**

2004 SHOT BALLOT—VOTE HERE

After marking your ballot, **detach it and fold it in half, taping it closed** at the bottom.
Please affix a first-class stamp as indicated on the reverse side and mail it to the SHOT secretary.

President-Elect

Rosalind Williams (elected in 2002)

Editorial Committee

Five-year term

Please vote for one

Vice President/President-Elect

Two-year term

Please vote for one

_____ Joseph Corn

_____ Steven Usselman

_____ Regina Blaszyk

_____ Colleen Dunlavy

Executive Council

Three-year term

Please vote for three

_____ Michael Adas

_____ Kenneth Alder

_____ Wiebe Bijker

_____ Roger Launius

_____ Nina Lerman

_____ Amy Slaton

Nominating Committee

Three-year term

Please vote for one

_____ Gregory Clancy

_____ Øyvind Thomassen

Treasurer

Two-year term

Please vote for one

_____ Richard Hirsh

**Your ballot must be postmarked
no later than September 15, 2004.**

No faxed copies will be accepted.

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Iowa State University
618 Ross Hall
Ames, IA 50011

Place
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Here

Society for the History of Technology
Amy Sue Bix
Iowa State University
618 Ross Hall
Ames, IA 50011

The National Park Service has been working with the Organization of American Historians to add content to the historical themes presented on the NPS web site. Several historians have been commissioned to write bibliographic essays that major works in topical areas of significance in historical context. One of the latest essays to be posted on the NPS site, "Technology and Engineering in the American Experience: A Survey of Literature," is by SHOT member James Williams. It can be found at

http://www.cr.nps.gov/history/reesedu/bb_williams.htm

The NPS historical theme page is at

<http://www.cr.nps.gov/history/categrs/index.htm>; the technology and engineering topic is one of many Areas of Significance shown on the theme page.

RETIREMENT

James Williams retired from full-time teaching at De Anza College (Cupertino, CA) in June. He taught at Gavilan College (Gilroy CA) for fourteen years, and moved to De Anza to direct the California History Center Foundation in 1985. During his tenure at De Anza he served as SHOT's treasurer for eight years and was a member of several SHOT committees. He currently is co-chair of Envirotech and vice-president of ICOHTEC. Retirement, he says, will give him time to work on writing projects as well as to mess about on his sailboats.

The John W. Kluge Center at the Library of Congress Kluge Fellowship Competition Deadline: August 15, 2004

The Library of Congress invites qualified scholars to conduct research in the John W. Kluge Center using the Library's collections and resources. The Center especially encourages humanistic and social science research. Interdisciplinary, cross-cultural, or multilingual research is particularly welcome. **Eligibility:** Scholars who have received a terminal advanced degree within the past seven years in the humanities, social sciences or in a professional field such as architecture or law are eligible. Exceptions may be made for individuals without continuous academic careers. Applicants may be U.S. citizens or foreign nationals.

Tenure and Stipend. Fellowships may be held for

periods from six to eleven months at a stipend of \$3500 per month. Constraints of space and the desirability of accommodating the maximum number of Fellows may lead to an offer of fewer months than originally requested. Fellows may begin tenure at any time between June 1 of the year in which the Fellowship is awarded and August 1 of the year following, providing space is available. Stipends will be paid monthly, usually by electronic transfer to a bank account.

Applications: All applications must be written in English. The application must include a research proposal (no longer than three single-spaced pages) and a single paragraph summary, a two-page curriculum vita which should indicate major prior scholarship, an indication of the collections at the Library of Congress that will be used for research and two letters of reference (in English) from individuals who know the quality of the applicant's scholarship. The application form and reference form may be printed from the website: <http://www.loc.gov/kluge>

Deadline: Applications (including nine collated copies) must be postmarked by August 15, 2004.

Language Certification: For applicants whose native language is not English, there must be evidence that the applicant is fluent in English so as easily to conduct research, discuss work with colleagues, and make a public presentation, although the ultimate product of the research may be written in the applicant's native language. For English speakers who seek to do research in the Library's foreign language collections, there must be evidence that they have a command of the relevant language or languages at the level requisite for serious research.

Awards: Up to twelve Kluge Fellowships will be awarded annually by the Library of Congress. Awards will be announced by March 15 of the year following that in which the application is due.

For further information: Contact The John W. Kluge Center, Office of Scholarly Programs, Library of Congress, LJ120, 101 Independence Avenue, SE, Washington, DC 20540-4860 phone: 202-707-3302; fax: 202-707-3595

email: scholarly@loc.gov

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