



NEWSLETTER

OF THE SOCIETY FOR THE HISTORY OF TECHNOLOGY

No. 125 n.s. Summer 2012

WELCOME TO COPENHAGEN!

Copenhagen is the capital of Denmark and has a history of a little more than a thousand years which is not unusual in Europe. You have probably heard about the Little Mermaid and Tivoli, two of its attractions – you might even have heard about some of Copenhagen’s inhabitants through the ages with fame beyond Denmark: Fairy Storyteller Hans Christian Andersen, Nuclear Physicist Niels Bohr, Physicist Hans Christian Ørsted (Ø=O+E in Danish), Storyteller Karen Blixen, and Philosopher Søren Kierkegaard.

Today there are 1.2 million people living in urban Copenhagen and you’ll see many of us prefer travelling around the city by bike. It’s faster and more fun than public transportation or going by car (parking is expensive)! I think Copenhagen is one of the few locations where you can watch a bicycle line of more than 100 meters at a stop light!

Copenhagen used to be the country’s main industrial city but its industry – and the city – declined in the third quarter of the 20th century. Carlsberg’s industrial production of beer moved to a town far from Copenhagen and many production and office jobs moved to the suburbs. But the Maersk-Moller company – then Denmark’s largest – is still located in Copenhagen. It owns Maersk Line which is one of the world’s largest container lines. The last 2-3 decades have seen the city’s regeneration as an attractive residential city with significant business

neighborhoods and extensive cultural activities. Most of Copenhagen’s houses were built before the Second World War, and the city and its inhabitants are doing a lot to maintain and improve their surroundings. Many asphalt courtyards are now green gardens – you can get a feeling of this by walking around the neighborhoods of CBS. Another new attraction is the residential and recreational harbor, where you can even go swimming! It used to be a filthy and noisy industrial shipping harbor. The new harbor is well worth visiting.

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SHOT Newsletter Editorial Policies, Advertising Rates, and Submission Deadlines

The SHOT Newsletter is published once a year in July and sent to all individual members of the Society who request it. During the rest of the year, news of the Society is available on its website. Items for inclusion will be published if received by 1 June. 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 is also available online at SHOT's website.

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

Advertising Rates: Full page (7½" x 9½"):	\$200
Half page (7½" x 5" or 3" x 9½"):	\$150
Quarter page (3" x 5"):	\$100

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SHOT WEBSITE ANNUAL MEETING PAGE

Our main SHOT website: <http://www.historyoftechnology.org> has a link connecting to the SHOT annual meeting webpage: <http://www.historyoftechnology.org/annualmeeting.html>

This page contains links to the program, the conference schedule, registration information, plus details on SIG (Special Interest Group) meetings, receptions, the SHOT members meeting, SHOT tours etc. Details on hotel reservations and local information are also available here. We will be updating the annual meeting page frequently with additional information so please check back at regular intervals.

Welcome continued...

We are looking forward to welcoming you to Copenhagen!

The Local Arrangements Committee

Copenhagen – A Brief History

The earliest known part of Copenhagen dates back to the 7th century. It was a fishing hamlet located at Gammel Strand on the Zealand side of the sound with the island of Amager, which held several small islands, including today's Slotsholmen with Christiansborg Palace housing the parliament (Folketinget), Prime Minister's office, and the Supreme Court.

During the Viking age, the hamlet grew into a small town. In 1167, the entrepreneurial Bishop Abasalon of Roskilde started constructing a castle on an island of Slotsholmen in the sound. The objective was to protect trade against the Hansa network of cities in Northern Germany who were working to disintegrate the state of Denmark.

The excellent harbor encouraged Copenhagen's growth and it became an important centre of commerce. However, it didn't become the nation's capital until the mid 15th century. At that time, the kings of Denmark started extending their court and bureaucracy which didn't allow previous travel of court and bureaucracy to several locations across the country. Originally Denmark had been a republic, where nobility and the clergy elected the king for a lifetime, i.e. a tiny fraction of the people. In 1660, King Frederik III committed a coup d'état making him sovereign and introduced succession. The growing power with the king and his court was

based on growing trade and reflected in the building of monumental buildings in Copenhagen, including four successor palaces to Absalon's castle. During the French Revolution, wars and the US War of Independence, Denmark was a flag of convenience and housed extensive trade for all parties. This was reflected in extensive building activity still visible in the town, particularly along the harbor on Christianshavn. The sovereign king's dictatorship – by today's terms – collapsed during the early 19th century and Denmark established a democracy during the 19th century. The king remained as nominal head of state.

Also in that period, Copenhagen became a significant industrial city, the country's largest. Some of the Copenhagen Business School's PorcelænsHAVEN (Porcelain Garden) renovated buildings remain from this period, as do several factory buildings and workers' dwelling neighborhoods across the city. The SHOT awards dinner will take place in the kiln-hall (oldest part from 1884) of Royal Copenhagen. The Danish pharmaceutical industry dates back to the early 20th century and is a significant Danish industry with an international perspective. Novo Nordisk has become one of the world's leading companies in diabetes care and one of the SHOT tours will visit its facilities.

The Copenhagen Business School (CBS) is located in Frederiksberg which is a separate municipality from Copenhagen. Frederiksberg was established in 1841 and is completely surrounded by the city of Copenhagen. The Copenhagen town government is dominated by the labor party. People living in Frederiksberg are on average more affluent than people living in Copenhagen and Frederiksberg is governed by the conservative party.

A Note about Danish Currency

Denmark does not use the Euro but rather its own currency, the Danish krone (DKK). As the Newsletter goes to press, \$1 equals 5.94 DKK. All fees for the meeting will be collected in US dollars.

Climate in Copenhagen in October

The following figures are average for 1960-1990. Average high 12.1°C (53.8°F); daily mean 9.5°C (49.1°F); average low 6.7°C (44.1°F).

Flights to Copenhagen

Copenhagen (CPH) is a convenient city to fly into, as it is a major hub airport for Scandinavia and northern Europe. Scandinavian Airlines as well as other carriers offer nonstop flights to Copenhagen from Newark, Washington Dulles, and Chicago. As always, shop around for the best flight deals and book early!

Getting around Copenhagen

Ten years ago, Copenhagen built a Metro line connecting CBS to Copenhagen Airport (Lufthavnen). It will bring you from the Airport to CBS in 25 minutes and it departs every 4-8 minutes. It passes the town center at Kongens Nytorv station and Nørreport station. The hotels are located a few blocks from Nørreport station (Ibsens hotel), Forum station (CabInn) and Frederiksberg (Radisson). Three stations serve CBS: Frederiksberg station (Solbjerg Plads building), Fasanvej station (Kilen building) and Lindevang (Dalgas Have building).

All Copenhagen public transportation is based on a zone-based ticket which allows you to travel in the area on any combination of Metro, rail, and bus. You need one 3 zone ticket (or two 2 zone tickets) to get

from the Airport to the town center, the hotels, and CBS. You need one 2 zone ticket to get between any of the stations serving the town center, the hotels, and CBS.

SECRETARY'S MESSAGE

As many of you know, SHOT is a constituent member of the American Council of Learned Societies (ACLS), an umbrella organization that represents the interests of over seventy professional societies in the humanities and social sciences. When the SHOT Executive Council gathered in New York in 2011, they met with Pauline Yu, the President of the ACLS, and Pauline expressed surprise and delight to learn that SHOT is such a strong international organization; in contrast, many of the other ACLS-affiliated societies continue to concentrate on serving their American members.

One of the most important ways that SHOT has developed its international presence is by committing itself to holding its annual meeting outside North America every four years. We have done so since 1992, and 2012 represents our sixth international meeting; previous meetings were held in Uppsala, London, Munich, Amsterdam, and Lisbon. Indeed, the Council and Officers are looking closely at the possibility of holding the 2016 meeting in East Asia, but we are also encouraging individuals and groups to think about hosting SHOT in their city. If you are interested in hosting SHOT in the future, please have a look at the Call for Proposals in this issue.

For 2012, we are delighted to be meeting in Copenhagen, thanks to the hard work of Lars Heide

and his local arrangements committee. We will be gathering on the campus of the Copenhagen Business School which is just outside Copenhagen's central district but convenient to the Airport and other attractions via the Metro subway. I think you will be delighted by the facilities at the Business School as well as the restaurants, shops, and parks in the surrounding Frederiksberg neighborhood.

An important feature of this year's meeting will be the opportunity to interact with the Tensions of Europe Network (ToE). Led by Johan Schot, this organization has done much in the past decade to reshape the boundaries of the history of technology in Europe. ToE will be holding its own conference at CBS just prior to the SHOT meeting, and there are several SHOT-ToE events on the program. To learn more about ToE, please look at the related story in this newsletter.

Beyond the ToE events, SHOT in Copenhagen will be a great meeting because it's an opportunity to meet and learn and play with a group of friendly and outgoing scholars. People know that attending a SHOT meeting is a chance to catch up on the latest scholarship while having fun. Toward that end, our Danish hosts have organized some wonderful tours – including a pharmaceutical plant, Viking ships, and a boat ride around Copenhagen harbor. Arne Kaisjer and Thomas Kaiserfeld have also put together a power plant trip that will include seeing what was once the largest diesel engine in the world in operation as well as a quick trip over to Sweden. On Saturday night, our awards banquet will be followed by a hospitality suite featuring live music and dancing – both events will be held in what was once the giant kiln of the Royal Copenhagen Porcelain Works!

Along with bringing you the details of the Copenhagen meeting, this newsletter includes information about the election of new officers and committee members. This year, you need to elect a Vice President/President Elect as well as individuals who will serve on the Executive Council, the Nominating Committee, and the Editorial Board. The current Nominating Committee, chaired by Susan Schmidt Horning, has assembled a superb slate of candidates, and their bios (and campaign promises!) can be found in this issue. We have included a paper ballot for mailing but you can also vote online on the SHOT website.

I hope you enjoy the summer, and I look forward to seeing you in Copenhagen this fall. As always, please email SHOT@virginia.edu if you have any questions or concerns.

Bernie Carlson
Executive Secretary

SHOT
Copenhagen Meeting
4 October - 7 October 2012

PROGRAM OVERVIEW

Unless otherwise stated, all events will take place in the Kilen Building on the campus of the Copenhagen Business School.

Wednesday, 3 October

3 - 9 PM Fifth Tensions of Europe (ToE) Conference, *Dalgas Have Building*

Thursday, 4 October

8 AM - 4 PM Tensions of Europe (ToE) Conference continues

9 AM - 5 PM Executive Council Meeting (open to all members)

9.45 AM - 3 PM Danish Monumental Architecture Tour

Noon - 4 PM Tour of Pharmaceutical Production at Novo Industry

6 - 7 PM Joint Opening Plenary with ToE, "Transnationalism and the History of Technology: Lessons from Tensions of Europe and other Projects,"
Solbjerg Plads Auditorium

7.30 - 9.30 PM Opening Reception, *Frederiksberg Town Hall* (Three blocks from CBS)

Friday, 5 October

7 - 8.30 AM Breakfast
 *Graduate Student Breakfast (please register in advance)
 *International Scholars Breakfast (by invitation only)

8.30 - 10 AM Sessions

10 - 10.30 AM Coffee break

10.30 AM - 12.30 PM Sessions

Noon - 2 PM Public Networks and Urban Mobility Tour

12.30 - 2 PM Lunch
 *Members' Meeting (all welcome)
 *Computers, Information, and Society SIG
 *Women in Technological History (WITH)

2 - 3.30 PM Sessions

Sidney Edelstein Book Prize Roundtable

3.30 - 4 PM Coffee break

4 - 5.30 PM	Plenary Lecture by the 2012 Recipient of the da Vinci Medal, <i>Solbjerg Plads Auditorium</i>
5.30 - 7 PM	Reception at <i>Solbjerg Plads</i> TEMSIG: Cocktails at the Lobby Bar, <i>Radisson Blu Hotel</i> SMiTing SIG: Cocktails at the Lobby Bar, <i>Radisson Blu Hotel</i>
9 - 12 PM	Hospitality Suite

Saturday, 6 October

7 - 8.30 AM	Breakfast *Envirotech SIG Breakfast
8.30 - 10 AM	Sessions
10 - 10.30 AM	Coffee break
10.30 AM - 12.30 PM	Sessions
Noon – 2 PM	Copenhagen harbor tour
12.30 - 2 PM	Lunch * <i>Technology and Culture</i> Editor's Lunch (by invitation only) *Mercurians and Jovians SIG *Prometheans SIG (please register in advance) *EDITH SIG
2 - 3.30 PM	Sessions
3.30 - 4 PM	Coffee break
4 - 5.30 PM	Sessions
5.30 - 6.30 PM	Presidential Address by Ronald Kline, <i>Solbjerg Plads Auditorium</i>
7 - 8 PM	Cocktail Reception, <i>Ovnhallen</i>
8 - 10 PM	Awards Banquet, <i>Ovnhallen</i>
10 - Midnight	Hospitality Suite, <i>Ovnhallen</i>

Sunday, 7 October

9 AM AM - 5 PM	Power Plant Heritage Tour in Copenhagen and Sweden
9.30 AM - 2.30 PM	Viking Ships at Roskilde: Museum and Tour
9 AM- NOON	Asia Network Breakfast, <i>Radisson Blu Hotel</i> *Albatrosses: Informal breakfast and roundtable, <i>Radisson Blu Hotel</i>
9 AM-6 PM	Computers, Information and Society SIG: Workshop on "Information Identities: Historical Perspectives on Technological and Social Change," <i>Solbjerg Plads</i> Prometheans/Asia Network/Teach 3.11 Workshop: "Historical and Contemporary Studies of Disasters," <i>Solbjerg Plads</i>

EVENTS AT THE ANNUAL MEETING

At the Copenhagen Business School (CBS), we will be meeting in three buildings, the Kilen, Solbjerg Plads, and the Ovnhallen. The Kilen is built around an amphitheater-like atrium that is where we will have registration, breaks, and the book exhibit. All of the paper sessions will be in rooms in Kilen. The plenary sessions will be held in an auditorium in Solbjerg Plads and the Sunday SIG workshops will take place there as well. Part of the former Royal Copenhagen Porcelain Works, the Ovnhallen will be where we gather on **Saturday** night for the Awards Banquet followed by music and dancing.

Please note that since hotels in Copenhagen include breakfast in their room rates, we will **NOT** be providing continental breakfast on **Friday** and **Saturday** at the meeting.

Opening Plenary and Reception

Our annual meeting will kick off with a joint plenary session with Tensions of Europe on **Thursday** night at 6 pm on “Transnationalism and the History of Technology: Lessons from Tensions of Europe and Other Projects.” Following the plenary, the action moves to the Town Hall of Frederiksberg where we will enjoy a nice reception from 7.30 to 9.30 pm. We have kept the fee for this reception as low as possible (\$10). Please indicate on the registration form if you are planning to attend. The Town Hall is three blocks from Solbjerg Plads.

Graduate Student Breakfast

SHOT prides itself on being open and welcoming to new participants, especially graduate students. On **Friday** at 7 am, currently-enrolled graduate students are cordially invited to breakfast in order to meet the Society’s officers. This continental breakfast will offer graduate students a chance to meet each other, to learn about SHOT programs (including prizes and fellowships), and to find out about SHOT’s journal, *Technology and Culture*. This breakfast is free for currently-enrolled graduate students (please do not sign up if you are not eligible for this category). You

must register for this event in order to attend as this event always fills up; please indicate your attendance on the registration form.

International Scholars Breakfast

A key way that SHOT reaches out to historians of technology around the world is through its International Scholars program. Each incoming annual “class” of International Scholars is formally introduced at the Awards Banquet but to welcome them more personally, SHOT holds a breakfast for them each year. This year’s breakfast will be held on **Friday** at 7 am. If you are a new or former International Scholar (or a member of the Internationalization Committee), please let Jahnvi Phalkey (jahnvi.phalkey@gmail.com) know by 1 September if you will be attending this breakfast.

Members’ Meeting

Are you interested in finding out about new SHOT initiatives? Thinking about volunteering to serve on one of the Society’s committees? If so, then please join us for the Members’ Meeting which will be held on **Friday**, 5 October at 12.30 pm. In addition, all members are welcome to sit in on the Executive Council session scheduled for **Thursday**, 4 October, 9 am - 5 pm.

Awards Banquet and Hospitality Suite

On **Saturday** at 7 pm, SHOT invites you to attend the annual Awards Banquet to be held in the Ovnhallen. The Awards Banquet is a wonderful opportunity to enjoy an evening with old and new friends, to show our appreciation to SHOT’s many volunteers, and to honor the recipients of our prizes and fellowships.

The festivities will include a cocktail reception (cash bar), dinner, and a streamlined awards ceremony. The banquet menu will offer a fish starter followed by a beef entree, with a vegetarian alternative available if requested in advance (please email Jane Carlson at SHOT@virginia.edu). Following the ceremony, there

will be a jazz band that will allow for ample conversation, mingling, and dancing. Tickets are \$55 per person, and please sign up for the banquet on the registration form. Please note the space for telling us if you will be accompanied by a spouse or guest.

Greetings from Around the World! Silent Auction

We have been hosting a silent auction at the SHOT conference for many years now. Delegates bring a token of their home town (or close by!) so we can all see from where they have traveled. As well as enjoying the spectacle, the items are subsequently sold by silent auction which provides some fun to the event and also raises funds for the following year's conference.

So 2012 embraces the world – a joint effort from everyone, both overseas and within the United States! Please consider bringing something from your state or city (value no more than \$15) to celebrate your origins – it can be as useful or as silly as you like. Again, we will enjoy the artifacts and a silent auction will take place during the conference that will close just before the Banquet. The artifacts will be on display throughout the conference in the main session area so everyone will have the chance to participate. Opening bids will start at \$5 and wrapping paper (including bubble wrap) will be provided to take your winnings home . . .

Program Advertising and Book Exhibit

As always, we welcome publishers who wish to exhibit books in Copenhagen, advertise in the SHOT program, or provide inserts for the registration packet. We will also have a table near SHOT registration where individual books can be displayed for a fee. For more information about any of these services, please contact Jane Carlson at SHOT@virginia.edu.

Audio-Visual Equipment

At the Copenhagen Business School, each session room is equipped with a digital projector and screen. Speakers planning to use PowerPoint should make sure that they (or someone on their panel) will bring a laptop that can connect to the digital projector. Be sure to bring the cable that connects your particular

computer to a computer projector. Should you have any questions about available equipment, please contact Lars Heide (lhe.lpf@cbs.dk).

As we go to press with the newsletter, we have not determined whether we can provide presenters with access to the World Wide Web for use in their presentations and we do not know about wireless access in the public areas of the building we will be using. We will let you know about these issues on the meeting pages of the SHOT website.

We hope that you find these events exciting and that you will be joining us in Copenhagen. Because the tours are always very popular and sell out quickly, you may want to register as soon as possible in order to avoid missing out.

ONLINE REGISTRATION – NEW

This year we are pleased to be able to offer our attendees online registration. The online registration form mimics the paper form found elsewhere in this Newsletter, and you may want to use the paper version to total up your costs before going online. A link to online registration can be found at http://www.historyoftechnology.org/annual_meeting.html.

If you register online, you will be paying SHOT by using PayPal, a secure on-line banking service. [www.PayPal.com] The online registration form has a direct link to PayPal and once you click on this link, it will take you directly to PayPal. Once there, you simply need to indicate whether you want to pay using your credit card or direct transfer from a bank account. Once you make a payment, PayPal will contact your bank or credit card who will then instantaneously transfer the money to the SHOT Annual Meeting checking account. At no point will the Secretary's Office see your bank or credit card details.

Alternatively, you may register online, but opt to pay by check (in US funds, drawn on a US bank). Please make your check payable to the "Society for the History of Technology." In this case you will receive an itemized bill indicating the amount due and you will need to mail your check to the address listed below. Please note, if you choose to pay by check,

your registration is not confirmed until SHOT has received and processed your check.

If you do not wish to register online, you are welcome to **mail or fax** the printed registration form back to us. As we did last year, we are using a Post Office box for the annual meeting registration; this is to avoid delays that occasionally crop up with mail deliveries at UVa. Please note that **we cannot process registrations sent to us by email**; this is to protect your credit card details that can be intercepted on the Internet.

In filling out the form, please **print clearly** so that we can process your registration promptly. It is especially important that we can read your credit card number, phone number, and email address. *If you register as a SHOT member, please be sure that your SHOT membership is current or we will charge you at the non-member rates.* You can pay by credit card (Visa or Mastercard) or by a check made payable to the Society for the History of Technology.

If you are mailing your registration, please use this address:

SHOT
Annual Meeting
PO Box 577
Earlsville, VA 22936
USA

Or fax your registration to 434.975.2190

The deadline for regular registration is **1 September 2012**. *If you are on the program*, you must register by **15 September** to guarantee your place; after that date, you will no longer be listed in the program. The SHOT office will confirm your registration by email and provide a printed receipt when you collect your conference packet in Copenhagen.

SIG EVENTS IN COPENHAGEN

The **Albatrosses**, whose interests cover all things related to aviation and aerospace, will have an informal breakfast on **Sunday** morning followed by its fourth annual roundtable session highlighting the current research of grad students and young scholars. If you are interested in presenting your work, please send a short email message to Debbie Douglas at ddouglas@mit.edu. The breakfast will be held in the restaurant in the Radisson Blu Hotel, adjacent to the Copenhagen Business School. To join the Albatrosses email list, send a short message to Robert Ferguson at rob@furglu.com.

To promote scholarship on Asian topics and to encourage historians from Asia to participate in our activities, SHOT members have formed the **Asia Network**. In Copenhagen, network members will have a breakfast meeting on **Sunday**. The breakfast will be held in the restaurant in the Radisson Blu Hotel, adjacent to the Copenhagen Business School. Each person will pay individually. Members are also encouraged to participate in **Sunday** workshop “Historical and Contemporary Studies of Disasters,” co-sponsored by **Prometheans / SHOT Asia Network / Teach 3.11**. The workshop will take place soon after the breakfast meeting and pre-registration is required. For more information on the group, visit <http://groups.google.com/group/SHOTsigAsia> or contact Tae-Ho Kim at taeho.kim.75@gmail.com.

The SIG on **Computers, Information and Society** (SIGCIS) will have a lunch on **Friday** at 12.30 in the cafeteria in the Kilen building. Each person will pay individually. SIGCIS is also organizing a daylong workshop on Sunday on “Information Identities: Historical Perspectives on Technological and Social Change.” For more details about the Sunday workshop, please visit www.sigcis.org. *Note that if you are planning to attend this workshop, you need to register for the SHOT meeting and indicate on the registration form that you will be attending this event on Sunday.* If you are attending **only the workshop on Sunday** and not the rest of the SHOT meeting, please contact Bernie Carlson (SHOTSecy@virginia.edu) to discuss registration.

The newest Special Interest Group, **EDITH (Exploring Diversity in Technology's History)** supports both scholars and scholarship currently underrepresented in the history of technology and SHOT. In Copenhagen, they will meet on **Saturday** over lunch. People interested in coming to lunch should meet Tisha Hooks and Anna Åberg in the atrium of the Kilen Building (where the coffee breaks will be held during the conference) at 12.30 pm to walk to a local restaurant. Each person will pay individually. For more information about this group and its plans, please email Anna Åberg (anna.aberg@abe.kth.se) or Tisha Hooks (tisha.hooks@yale.edu).

Envirotech will hold a breakfast meeting on **Saturday** morning. The charge for this breakfast is **\$10** per person and **\$5** for graduate students (thanks to support from the SIG). Please indicate on the registration form if you plan to attend.

The **Jovians** (electrical history) and the **Mercurians** (communications) will hold their traditional joint lunch-time meeting on **Saturday**. People interested in coming to lunch should meet Andy Butrica and Jonathan Coopersmith in the atrium of the Kilen Building (where the coffee breaks will be held during the conference) at 12.30 pm to walk to a local restaurant. Each person will pay individually.

This year, the **Prometheans** (SHOT's Engineering SIG) will be holding an all-day workshop on "Historical and Contemporary Studies of Disasters," as co-sponsored by the **SHOT Asia Network** and **Teach 3.11**. This will take place all day on **Sunday**. See the workshop website for further details, including the preliminary program and abstracts. Because this is a pre-circulated workshop, advance registration is required (seating is also limited). Please contact the program chair, Atsushi Akera, at akeraa@rpi.edu to sign up for the workshop. *Note that if you are planning to attend this workshop, you must register for the SHOT meeting.* If you are **only attending the Workshop on Sunday** and not the rest of the SHOT meeting, please contact Bernie Carlson (SHOTSecy@virginia.edu) to discuss

registration. Meanwhile, the group's annual business meeting will take place on **Saturday** during lunch at a location to be determined. We will gather in the atrium of the Kilen Building (where the coffee breaks will be held during the conference) at 12.30 pm to walk to a local restaurant. Each person will pay individually. Please pre-register for the business meeting on the SHOT registration form so that we can choose an appropriate luncheon venue.

Website for **Prometheans**:

<http://shotprometheans.wordpress.com/>

Website for **Workshop**:

<http://shotprometheans.wordpress.com/workshops/2012-workshop-ex.html>

Website for **Teach 3.11**:

<http://teach311.wordpress.com/>

SMiTInG, the SHOT Military Technology Interest Group, will convene over drinks at 5:30 pm on **Friday** 5 October in the lobby bar of the Radisson Blu Hotel. For more information, please contact Bart Hacker at hackerb@si.edu.

TEMSIG, the museum group, will meet for cocktails at 5:30 pm on **Friday** 5 October in the lobby bar of the Radisson Blu Hotel. Additional details will be posted on the SHOT website and will be communicated via the TEMSIG listserv. If you have any questions or wish to be added to the TEMSIG listserv, please contact co-chairs Allison Marsh (marsha@mailbox.sc.edu) or Eric Nystrom (eric.nystrom@rit.edu).

Women in Technological History (WITH) will have a tapas lunch on **Friday**, 5 October at 12.30 pm in a room in the Kilen Building at CBS. The plan is to begin a discussion about the long-range goals of the SIG which will carry over to the WITH session scheduled for 2 pm on **Friday**. The cost of the lunch will be **\$38** for members and **\$19** for graduate students and underemployed scholars (thanks to support from the SIG). Please indicate on the registration form if you are planning to attend this lunch. For more information about WITH, please contact Geoff Zylstra (gzyltra@citytech.cuny.edu).

NOTE to SIG LEADERS: In Copenhagen, there will be a meeting to discuss how we schedule future SIG events in order to avoid recurring scheduling difficulties. We will send you an email in August or September about when this meeting will take place.

TENSIONS OF EUROPE EVENTS IN COPENHAGEN

Tensions of Europe (ToE) is an international scientific network consisting of almost 300 scientists from all over Europe and the United States. Since its start in 1999, the network explored a broad range of themes, focusing on the linking and delinking of infrastructures, the emergence of transnational technical communities, and the circulation of artifacts, systems, knowledge and people. By organizing inspiring conferences and summer schools as well as by stimulating international research collaboration and disseminating research results to various audiences, TOE wants to reveal the role of technology as an agent of change in European history.

Collaborative Research Projects

The ToE research agenda was developed as a common base for future research and has inspired a series of (inter)national research applications. In 2006 this resulted in the EUROCORES programme, *Inventing Europe: Technology and the Making of Europe, 1850 to the Present*. In addition, the work of several nationally funded research programmes feeds into the TOE research agenda.

A Ph.D. program with partners in Bulgaria, the Czech Republic, and the Netherlands was designed to involve Central and Eastern Europe in the network and the research. In 2010 the Karen Johnson Freeze Fellowship Fund was established in collaboration with SHOT to further stimulate the work of young scholars in these regions.

Dissemination

ToE created its own platforms to present the results of its (ongoing) research to various audiences: biennial ToE conferences offer scholars the possibility to present their findings and ideas to a scientific audience, while the working paper series

stimulates scholars to share and get feedback on their ongoing research. The Technology and European History Series invites (young) scholars to publish their work.

On top of that, the coming years will witness the publication of a new history of Europe. By means of the six-volume book series *Making Europe: Technology and Transformations, 1850-2000*, the research results will be further disseminated to a broad scholarly community. A virtual exhibit will accompany the book series.

Conference in Copenhagen

The fifth Tensions of Europe conference will take place at the Copenhagen Business School (CBS) on Wednesday and Thursday 3 - 4 October, 2012, prior to the SHOT Meeting. The Foundation for the History of Technology will organize the event, in collaboration with Lars Heide of CBS. The conference will start on Wednesday at 3 pm and end on Thursday afternoon (4 pm), before the opening of the SHOT Meeting.

On the conference program will be the Making Europe book series and the future of Tensions of Europe. In plenary meetings and parallel sessions, the six volumes of the book series will be discussed. In that sense the conference is a prelude to the presentation of the first books in Paris in 2013. Besides that, six selected proposals for ToE future initiatives will be presented and discussed. For more information, visit the website <http://www.tensionsofeurope.eu>

Events on the SHOT Program

Working with Ron Kline, the President of SHOT, Johan Schot and Phil Scranton of ToE have organized an opening plenary on Thursday night that explores the theme of transnationalism in the history of technology. To continue the discussion that the plenary is sure to stimulate, Johan and Phil will run a two-hour workshop on Friday morning from 10.30 am to 12.30 pm. In ToE style it will be run with break-out groups, with lots of opportunities for interaction and debate. The outcome of the workshop will be used as an input for the development of ToE's future research agenda.

SHOT
Copenhagen Meeting
4 - 7 October 2012

PRELIMINARY PROGRAM

as of 5 July 2012

THURSDAY, 4 OCTOBER

6 - 7 PM

Transnationalism and the History of Technology: Lessons from Tensions of Europe and Other Projects

Joint Plenary with Tensions of Europe Network

Chair: **Phil Scranton** (Rutgers University)

Panelists:

Johan Schot (Eindhoven Technical University and University of Twente)

Eden Medina (Indiana University, Bloomington)

Suzanne Moon (University of Oklahoma):

Discussion: **By the Audience**

FRIDAY, 5 OCTOBER

8.30 - 10 AM

Nation, State and Sociotechnical Imaginaries in Cold War Asia and Beyond

Organizer: **Projit Bihari Mukharji** (University of Pennsylvania)

Chair & Commentator: **Abraham Itty** (University of Texas, Austin)

Suzanne Moon (University of Oklahoma): Technology and Poverty: Exploring Sociotechnical Imaginaries of Justice in Indonesian Popular Culture

Honghong Tinn (Asia Research Institute and Tembusu College): Negotiating Competing Sociotechnical Imaginaries between Taiwanese Technologists and United Nations Officials: A Cold War Technical-aid Program in Electronics Science and Digital Electronic Computing, 1958-1964

Projit Bihari Mukharji (University of Pennsylvania): Agrotech, Petrotech, Infotech: The Changing Sociotechnical Imaginaries of Popular Bangladeshi Technostatism, 1966-1990

Indigenous Water Control Regimes in Nineteenth-Century East and Southeast Asia

Organizer & Chair: **Philip Brown** (Ohio State University)

Commentator: **Vincent Legendijk** (Universiteit Leiden)

Minghui Hu (University of California, Santa Cruz): Mapping and Controlling Waterways: A Nexus of Historical Geography and Hydraulic Engineering in early modern China, 1780-1820

Philip Brown (Ohio State University): The Twain Meet: Japan's Encounter with Western Civil Engineering on the Shinano River, 1870-1930

Maurits Ertsen (Delft University of Technology): "To Meet the Desire of the Population": Water Distribution Arrangements on Colonial Java 1880-1920

Technological Heritage

Chair & Commentator: **Håkon With Anderson** (Trondheim University)

Artemis Yagou (Free University Amsterdam): Ambiguous Technology: Reflections on Artifacts in Museum Contexts

Anna Storm (Södertörn University, Stockholm): Landscape Scars: Contested Heritage Processes at Ignalina and Barsebäck Nuclear Power Plants

Torben Dam, and **Svava Riesto** (University of Copenhagen): Industrial Spaces as Patterns of Production and Distribution

Digital Aesthetics

Chair & Commentator: **Merrit Roe Smith** (MIT)

David Kirby (University of Manchester): Beautifully Disturbing: Microcinematography and Title Design in Contemporary Hollywood Cinema

Rebecca Perry (MIT): The Secret Life of 3D Models

Charles Berret (Columbia University): Going Digital: The Techniques and Aesthetics of Phototypesetting

Spaces and Geographies of Expertise in Engineering

Organizer: **Casper Andersen** (University of Aarhus)

Chair & Commentator: **Matthias Heymann** (University of Aarhus)

Graeme Gooday (University of Leeds): Ethnicity, expertise and authority

Stathis Arapostathis (University of Athens): Owning and Disowning Wireless: Experts, Judges and Lawyers in Transatlantic Legal Battles

Casper Andersen (University of Aarhus): Civil Engineers and Spaces of expertise in the British Empire c. 1900-1930

The Social Origins of Personal Computing

Sponsored by SIGCIS

Organizer: **Peter Collopy** (University of Pennsylvania)

Chair: **John Laprise** (Northwestern University in Qatar)

Commentator: **Thomas Haigh** (University of Wisconsin—Milwaukee)

Kevin Gotkin (University of Pennsylvania): When Computers Were Amateurs: Hobbyist Computer Clubs, 1966-1976

Peter Collopy (University of Pennsylvania): “A Bicycle for the Mind”: The Personal Computer as Appropriate Technology

Laine Nooney (Stony Brook University): Home is Where the Game Is: Sierra On-Line and Women’s Computer Gaming

High Technology and Indigenous Weavers: Must They Clash

Organizer: **Daryl M. Hafter** (Eastern Michigan University)

Chair: **Rachel Maines** (Cornell University)

Commentator: **Katia Johnson** (Royal Danish Collection of Costumes)

David Goldsmith (University of Boras): Can Communication Technology Empower Slow-Tech Weavers to Create Sustainable Prosperity?

Daryl Hafter (Eastern Michigan University): The Weaving Villages of Peru: Reclaiming Tradition for Survival

Desiree Koslin (Fashion Institute of Technology, New York): New Tools Enabling Ancient Technologies: Duodji Textiles and Dress of the Sámi People of Northwestern Eurasia (Lapland)

FRIDAY, 5 OCTOBER

10.30 AM - 12.30 PM

Dialogue Workshop on the Future of the History of Technology in a Global Context

Organizers: **Johan Schot** (Eindhoven Technical University and University of Twente) and **Phil Scranton** (Rutgers University) with the Tensions of Europe (ToE) Network

The workshop is a follow up of the plenary session on transnationalism. In ToE style, it will be run with break-out groups, with lots of opportunities for interaction. The outcome will be used as an input for the development of a new ToE research agenda.

Comedy, Seriously

Organizer & Moderator: **James Fleming** (Colby College)

Roundtable Panelists:

Roger Launius (Smithsonian Institution)

Paul Josephson (Colby College)

Jenny Leigh Smith (Georgia Tech)

Teasel Muir-Harmony (MIT)

James Sumner (University of Manchester)

Technocratic Dreams

Chair & Commentator: **Mark Shields** (Ozyegin University (Turkey))

Sungook Hong (Seoul National University): Mobilizing Technoscience for the Developmental State: The Saemaul (New Village) Technical Service Corps in the 1970s in South Korea

William Storey (Millsaps College): Cecil Rhodes: South Africa's Technopolitical Visionary

Yulianto Mohsin (Cornell University): Wiring the New Order: Indonesian Electrification and National Identity (1966-1998)

Rupsha Banerjee (University of Bologna): The Green Revolution: The Untold Process of Its Success

Transnational Technopolitics

Chair & Commentator: **Gail Cooper** (Lehigh University)

Daniel Macfarlane (Carleton University): Nation-Building: The Creation of the St. Lawrence Seaway and Power Project

William Logan (Auburn University): Disregarded Shiksha: Indo-American Military Relations in the Aftermath of the 1962 Sino-Indian War

Marsha Siefert (Central European University, Budapest): Modernization before Balkanization: Imperial Telegraph Networks and the Emerging Nations of Southeast Europe, 1856-1878

Robert MacGregor (Princeton University): Selling Space: The Commercialization of Cold War Rocket Technology

Cold Environments. Changing Styles and Infrastructures in Polar Exploration.

Organizer: **Christian Kehrt** (Helmut-Schmidt-University Hamburg)

Chair: **Sverker Sörlin** (Royal Institute of Technology, Stockholm)

Commentator: **Aant Elzinga** (Gothenburg University)

Pascal Schillings (University of Cologne): Circulation of Technologies in the Development of Polar-Equipment: Dog- and Motor-Sledges, 1900-1912

Christian Kehrt (Helmut-Schmidt-University Hamburg): Ponies, Dogs or Propeller Sledges? Alfred Wegener and the Limits of Modern Technology in Polar Exploration.

Janet Martin-Nielsen (University of Aarhus): Between Man and Ice: Technology and Glaciological Exploration in Greenland, 1949-1966

Natural Factories

Chair & Commentator: **TBA**

Alexei Lraikovski (European University, St. Petersburg): The Sea and Transfer of Knowledge: The Case of Transfer of Marine Harvesting Technologies from Europe to Russia in the 18th Century

Niko Häninnen (University of Oulu): From Countryside's Seasonal Job into an Actual Profession: Transformation of Lumbering in Northern Finland after World War II

Sarah Grossman (University of New Mexico): Immoderation as Efficiency: Mass Mining, Conservation, and the Language of Profit

Erland Måråld (Umeå University, Sweden): Exotic Trees, Forestry and Environmental Change: The Introduction(s) of Lodgepole Pine in Sweden, 1920-2010

Technology and Propaganda

Chair & Commentator: **TBA**

Tim Stoneman (Georgia Tech Lorraine): Technology and Religion: A View from the Global South

Mats Fridlund (University of Gothenburg): Radicalizing Technologies: Revolutionists and the Technopolitical Affordances of Printing Technology During the Long 19th Century

Caroline Jack (Cornell University): Finance and the Technological Foundation Narrative: A Case Study of Cold War Industrial Propaganda

John Miller (Georgia Tech): Potent Signals: The Electro-Magnetic Telegraph And Its Impact On the American Civil War

FRIDAY, 5 OCTOBER

2 - 3.30 PM

Sidney Edelstein Book Prize Roundtable

The 2012 Winner will be announced later this summer

Roundtable Panelists:

Howard Segal (University of Maine)

Ruth Oldenziel (Eindhoven Technical University)

William K. Storey (Millsaps College)

Respondent: **2012 Winner**

International Information Identities

Sponsored by SIGCIS

Organizer: **Thomas Haigh** (University of Wisconsin—Milwaukee)

Chair: **Daniel Holbrook** (Marshall University)

Commentator: **Marie Hicks** (Illinois Institute of Technology)

Petri Paju (University of Turku): Composing a New Europe: IBM's Electric Typewriter and European Reconstruction

Ramesh Subramanian (Quinnipiac University): Technology Policy and National Identity: The Personal Computer Comes to India

Christopher Leslie (Polytechnic Institute of New York University): CSNET and the Internationalization of the Internet

Peter Zelchenko (University of Chicago): Benefit Inversions in Modern Transit Technologies

Fraying Ties in Cold War Science

Chair & Commentator: **TBA**

Dania Achermann (Aarhus University/LMU München): "Conquering the Atmosphere": Weather Modification in Cold War Germany

Jonathan Aylen (University of Manchester): Communities in R&D Organisation: How Technology Develops in Practice

Jordan Bimm (York University): Putting Mars in a Jar: Space Medicine and the Complicated Origins of Astrobiology in America

Popular Music in the Studio: Sound and Technology in the Transnational Context

Organizer: **Asif Siddiqi** (Fordham University)

Chair: **Carroll Pursell** (Australian National University)

Commentator: **Hans Joachim Braun** (Helmut Schmidt University, Hamburg)

Susan Schmidt Horning (St. John's University): Not Only Made in America: Informal Know-How Trading in the Sound Recording Industry Since World War II

Simon Zagorski-Thomas (University of West London): The Influence of Recording Technology and Practice on Musical Performance in the Recording Studio in Poland Between 1960 and 1989

Asif Siddiqi (Fordham University): Technology, Transcultural Idioms, and the Question of Authenticity: Talking Heads and Brian Eno in the Studio

Women in Technological History (WITH) in the 21st Century – Future Directions

Organizer & Chair: **Geoff D. Zylstra** (New City College of Technology)

Open Discussion with the audience

Everyday Technologies

Chair & Commentator: **Ruth Schwartz Cowan** (University of Pennsylvania)

Darwin Stapleton (University of Massachusetts Boston): Pennsylvania Germans and the Pioneer Toolkit

Timo Myllyntaus (University of Turku): Updating the Prehistoric Sauna: An Outline of a Persistent Bathing Culture and its Flexible Technology

Daves Rossell (Savannah College of Art and Design): Designing the Science of Illuminating Engineering: The Household Lamp and Interior Space

Risk at Sea

Chair & Commentator: **Kim Tae-Ho** (Seoul National University Hospital)

Kristoffer Lund Langlie (Norwegian University of Science and Technology): Legitimacy as Commodity? Det Norske Veritas and Its Activities in the Emerging South Korean Shipbuilding Industry, 1973-1990

Gart Paulsen (Norwegian University of Science and Technology): Delegates of Doubt: Changing Institutions, Mandates and Aspirations in the International Governance of Technology During the 1970s and 1980s

Joakim Gusland (Norwegian University of Science and Technology): Risk Perceptions and Technical Paradoxes: Governing Risk Regulation in International Shipping in the 1970s

FRIDAY, 5 OCTOBER

4 - 5.30 PM

Plenary Session: da Vinci Prize Lecture

The 2012 recipient will be announced in the final printed program.

SATURDAY, 6 OCTOBER**8.30 - 10 AM*****Science, Technology, and the Military in a Cold War Setting: Exploring Shifting Configurations and Specific Interventions in Greenland from 1951 to 1968***Organizer & Chair: **Kristian H. Nielsen** (Aarhus University)Commentator: **Ronald E. Doel** (Florida State University)**DJ Kinney** (Florida State University): Engineering Greenland: Icecap-1 and the Militarization of Arctic Technologies**Christopher Ries** (Aarhus University): Frigid Mappings: Northern Greenland in the Military Geology of William E. Davies, 1952-1960**Henrik Knudsen** (Aarhus University): Cold War, Ionospheric Research in Greenland, and the Politics of Rockets***Unwelcome Expertise***Chair & Commentator: **Martin Collins** (Smithsonian Institution)**Amy M. Hay** (University of Texas - Pan American): I Love the Smell of Napalm in the Morning: Imperialism, Defoliation, and Resistant Jungles in South Vietnam**Alan Meyer** (Auburn University): "Can a Black Man Fly?" Race, Masculinity, and the Community of Pilots in Postwar Private Aviation**Mary Mitchell** (University of Pennsylvania): Righting the (Abortion) Boat: Mobile Technologies as Technologies of Mobilization***Negotiating Water Control in Twentieth-Century South Asia***Chair & Organizer: **Philip Brown** (Ohio State University)**Ramya Swayamprakash** (Jawaharlal Nehru University): Exportable Engineering Expertise for 'Development': A Story of Large Dams in Post Independence India**Daniel Haines** (Royal Holloway, University of London): The Art of the (Technically) Possible: International Politics and Dam Construction in India and Pakistan's Indus Basin, 1948-1960**Aaron Mulvany** (University of Pennsylvania): Entrenched Regimes of Response: the Effects of Policy Myths on Flood Mitigation***Space and the Environment, Space as an Environment***Chair & Organizer: **John Krige** (Georgia Tech)Commentator: **Nina Wormbs** (Royal Institute of Technology, Stockholm)**Ruth Rand** (University of Pennsylvania): A Dangerous Precedent: Project West Ford and the Roots of Space Environmentalism, 1958-1963**Angelina Long** (Naval Research Laboratory): Talking About the Weather: Postwar Science and Cold War Internationalism, 1955-1964**Brian Jirout** (Georgia Tech): Environment, Remote Sensing and the Production of Compartmentalized User Communities, 1959-1978

Power Tools: Technologies of Control and SustainabilityOrganizer: **Tisha Hooks** (Yale University)Chair: **Arne Kaijser** (Royal Institute of Technology, Stockholm)Commentator: **Maja Fjæstad** (Royal Institute of Technology, Stockholm)**Darla Thompson** (Cornell University): Iron Collars, Engineers, and the Infrastructure of Slavery**Anna Aberg** (Royal Institute of Technology, Stockholm): The Power of Vision: Natural Gas and Decision-Making in the Age of Future Studies**Tisha Hooks** (Yale University): Packaged Objects and Packaged People: The Deployment of Duct Tape in the Mid-East & West***Bodies and Technology: Mid-(20th)-Century Mayhem***Organizer: **Lee Vinsel** (Harvard University)Chair: **Gerard Fitzgerald** (George Mason University)Commentator: **Arwen Mohun** (University of Delaware)**Donna Drucker** (Technische Universität Darmstadt): Restricting Masculinity, Restraining Science: Penile Strain Gauges and Electroshock Aversion Therapy in the Human Sciences, 1944-1975**Jessica Martucci** (Mississippi State University): Designing a Better Baby: The Evolution of Breast Pumps in the 20th Century**Lee Vinsel** (Harvard University): Bodies at Unrest: Impact Biomechanics as a Regulatory Science***Shaping imperial territories, building political power***Chair & Organizer: **Maria Paulo Diogo** (New University of Lisbon)Commentator: **Andrea Guintini** (University of Modena and Reggio Emilia)**Darina Martykánová** (University of Potsdam): Reconstructing Imperial Power, Negotiating Progress: Engineers at the Service of the Ottoman Empire in the Long 19th Century**Ana Paula Silva** (New University of Lisbon): Power production: Colonies, Electricity and Empire**Marta Macedo** (University of Lisbon): Technological Cocoa for an Industrial Chocolate: Agronomy and Labor in São Tomé**Donna Mehos** (Delft University of Technology): Engineering Hawaiian Statehood: Politics and Sugar Research**SATURDAY, 6 OCTOBER****10.30 AM - 12.30 PM*****History of Concepts – Concepts of History***Chair & Commentator: **Ruth Oldenziel** (Eindhoven Technical University)**Natalia Nikiforova** (National Research University of Information Technologies): Designing Soviet Identity through the Image of American Technology**Janis Langins** (University of Toronto): Technik Goes East across the Baltic**Dazhi Yao** (Chinese Academy of Sciences): On the Transformation of Chinese Ancient History of Techniques from a Global Historical Perspective**Gregory Moynahan** (Bard College, NY): Banning Cybernetics: The East German 1969 SED Ruling Against Cybernetics and the Technocracy of Central Planning

Airy Curtains

Chair & Commentator: **Alexander Badenoch** (Eindhoven Technical University)

Jonathan Coopersmith (Texas A&M University): Detente dancing: US-Soviet MHD technical cooperation

Sampsa Kaataja (Aalto University): Finnish-Estonian Computing Contacts During the Cold War: A Gateway for East-West Knowledge Exchange?

Sean Nicklin (University of Ottawa): Soaring Above the Iron Curtain: Civil Aviation Linkages between Eastern and Western Europe during the Cold War

Rachel Rothschild (Yale University): Détente from the Air: Monitoring Pollution and European Integration in the Cold War

Technological Sublime

Chair & Commentator: **David Nye** (University of Southern Denmark)

Matthew Hall (University of Florida): The White Light: African Americans, Progressive Politics, and Electric Lighting in Turn-of-the-Century Atlanta, Georgia

Dale Cressman (Brigham Young University) News in Lights: The Times Square Zipper and Newspaper Signs in the Age of Technological Enthusiasm

Jennifer Lieberman (Cornell University): Systems and Symbols: Narratives of Technological Choice in the History of U.S. Electrical Power Distribution, 1890-1914

Har Ye Kan (Harvard University): Railway Landscapes: Visualizing the Iron Road in Modern China

Envisioning Urban Infrastructures

Chair & Commentator: **Tom Misa** (Charles Babbage Institute)

Terje Finstad (Norwegian University of Science and Technology): Techno-environmental Sensations: Technological and Environmental Revolutions in Accounts of Urban Renovation, 1918 and 1947

Victor Marquez (Cornell University): Transportation Inter-modality in Mexico City: A History of Techno-political Contradictions

Hallam Stevens (Nanyang Technological University): Ecodesign and the City: Managing Space and Innovation in Singapore's Fusionopolis

Brian Davis (University of Virginia): Pliocene Sediments, Water Hyacinth, and the Riachuelo Canal

Making the Body's Knowledge: Toward a Social History of Diagnostic Technologies

Organizer: **Deanna Day** (University of Pennsylvania)

Chair and Commentator: **Nathan Ensmenger** (University of Texas - Austin)

Rachel Elder (University of Pennsylvania): Subclinical Sublime: EEG, Epilepsy, and the Technological Romance with the Elusive Brain, 1935-1955

Deanna Day (University of Pennsylvania): Black Boxing Women: The Scientific Production of Natural Family Planning

Mary Ebeling (Drexel University): Marketing Imperatives: Self-diagnostic Checklists and Patient Agency

Techno-Choreographies: Embodying Technologies of Mobility

Organizer: **Dorthe Gert Simonsen** (University of Copenhagen)

Chair: **Gijs Mom** (Eindhoven Technical University)

Commentator: **Peter Adey** (Royal Holloway, University of London)

Peter Merriman (Aberystwyth University): The Sensations and Embodied Practices of Motor-car Driving in late-Victorian and Edwardian Britain

Mikkel Thelle (University of Copenhagen): Unfolding Mobilities, Organizing Bodies: Negotiating Public Space and Technology in Copenhagen around 1900

Dorthe Gert Simonsen (University of Copenhagen): 'The Aviation Neck': Aerial and grounded Bodies in Early Powered Flight

How to be Policy-Relevant: The History of Technology and the Future of the Arctic

Organizer: **Peder Roberts** (University of Strasbourg)

Chair: **Julia Lajus** (European University of St Petersburg)

Commentator: **Dag Avango** (Royal Institute of Technology, Stockholm)

Roundtable Panelists:

Peder Roberts (University of Strasbourg)

Nina Wormbs (Royal Institute of Technology, Stockholm)

Annika Nilsson (Stockholm Environment Institute)

SATURDAY, 6 OCTOBER**2 - 3.30 PM*****International Information Societies***

Sponsored by SIGCIS

Organizer: **Thomas Haigh** (University of Wisconsin, Milwaukee)

Chair: **Pascal Griset** (Université Paris IV, Sorbonne)

Commentator: **Gerard Alberts** (Amsterdam University)

Giuditta Parolini (University of Bologna): The Politics of the Statistical Tables for Biological, Agricultural and Medical Research

Bernard Dionysus Geoghegan (Humboldt University, Berlin): Claude Lévi-Strauss and the Technologies of Man: Cybernetic Reasoning and the Reform of the Human Sciences

Ksenia Tatarchenko (Princeton University): A Plan for the Soviet Future: Programming, the Second Literacy

Institutionalizing Expertise

Chair & Commentator: **Evert Peters** (University of Leuven)

Atsushi Akera (Rensselaer Polytechnic Institute): Academic Entrepreneurialism in Southern California: Llewellyn M. K. Boelter and the UCLA College of Engineering, 1941-1965

Sabil Francis (University of Leipzig): Negotiating Technology: The IITs in India

Gustav Sjöblom (Chalmers University of Technology): Building User Competence in a Small-State Military-industrial Complex: The Swedish Board for Computing Machinery as Service Bureau and Training Facility, 1950-1963

Spaces of Experiment

Chair & Commentator: **Rudi Volti** (Pitzer College)

Simon Werrett (University of Washington, Seattle): Techniques of the Preserver: Sustainability and Early Modern Science

Sarah Scripps (University of South Carolina): Tabletop Workshops: Situating Kitchen Tables as Sites of Tinkering in Contemporary America

Evgeni Vodichev (Russian Academy of Sciences, Novosibirsk) Natural Infrastructures and Infrastructural Nature: An Academy Town in Siberia

The Contextual Logics of Electronics Innovation

Organizer: **David Brock** (Chemical Heritage Foundation)

Chair & Commentator: **David Hounshell** (Carnegie Mellon University)

David Brock (Chemical Heritage Foundation): Forgotten Contexts: Terminals, Time-Sharing, and the Origins of Personal Computing

Benjamin Gross (Chemical Heritage Foundation): Magnetic Logics, Display Dreams: RCA, the Transfluxor, and Cold War Electronics, 1954-66

Christophe Lecuyer and **Takahiro Ueyama** (Collegium de Lyon and Sophia University): Is There a Logic to Material Innovation? The Case of Gallium Nitride and Blue Light Emitting Diodes

Sustainability Narratives

Chair & Commentator: **Joris Mercelis** (University of Ghent)

Aristotle Tympas (University of Athens): Debating the Definition of 'Renewable' Energy: Technical Scale and Social Change in the Aegean During the post-1970s Passage from Local Windmills to Imported Wind Turbines

Liv Ramskjaer (Arts Council Norway): "All Nicely Wrapped up in Plastic": Packaging, Marketing and Consuming Goods Wrapped in Plastic in 1960s Norway

Peter Westin (Georgia Tech) How Green Was the Flag?: The Maturation of Motorsports' Relationship With Automobile and the Environment

Made in Automation: Transformations at the Interface Between Machines and Scientific Knowledge

Organizer: **Stephanie Dick** (Harvard University)

Chair & Commentator: **Mary Morgan** (London School of Economics)

Nathan Ensmenger (University of Texas at Austin): From Mechanical Minds to Philosophical Zombies: Lumbering Towards a Computational Model of Mind

Adelheid Voskuhl (Harvard University): The State-Machine in the European Enlightenment

Stephanie Dick (Harvard University): "Buying Originality": Two Approaches to the Automation of Logical Proof

Thinking Through Spatial Units of Analysis in the Global Cold War

Organizer & Chair: **Hugh Slotten** (University of Otago / Dunedin, New Zealand)

Commentator: **Suzanne Moon** (University of Oklahoma)

Roundtable Panelists:

John Krige (Georgia Tech) On Embedding the National in the Transnational Analysis of Knowledge Flows

Erez Manela (Harvard University): In Pursuit of Total Annihilation: Cold War Politics and the Launching of the Global Technological and Medical Campaign to Eradicate Smallpox.

Hugh Slotten (University of Otago): Spatial Frames of Reference and the History of Global Communications

SATURDAY, 6 OCTOBER**4 - 5.30 PM*****Labor and the Mantra of Efficiency***Chair & Commentator: **Phil Scranton** (Rutgers University)**Catherine MacDonough** (Stanford University): Pathways to Highways: Local and Learned Technologies of Road Construction in Early Modern France**Jonathan Coit** (Eastern Illinois University): Fax Machines and Missile Mail: Post Office Automation and Postmaster Arthur E. Summerfield, 1953-1961**Elva Kathleen Lyon** (Independent Scholar): Early Modern Saw Mills: Scale, Scope, and Unintended Consequences***Prosthetic Interactions***Chair & Commentator: **TBA****Ri Pierce-Grove** (Columbia University): Lady in the Machine: Apple's Siri and the Changing Character of Human-Computer Interactions**Brian Beaton** (University of Pittsburgh): Reducing the Cost of Conversion: Christian Experiments with Telephones and Telephone Answering Machines in the 1960s and 1970s**Maxwell J. Rogoski** (University of Pennsylvania): From Dolls to High-Fidelity Devices: Patient Simulators as Body-Machines in 20th-Century United States Health Professional Education***History of Technologies in Soviet Russia in Transnational Perspective***Organizer & Chair: **Alexandra Bekasova** (European University, St.Petersburg)Commentator: **Anna Aberg** (Royal Institute of Technology, Stockholm)**Elena Kochetkova** (European University, St.Petersburg): The Soviet Forestry in 1953-1964: Transfer and Implementation of Western Technologies**Ekaterina Kalemeneva** (European University, St.Petersburg): City Under the Dome: How Far From the Reality? Technology Design, City Planning, and Northern Environment at the Soviet Arctic, 1960-1970s**Ekaterina Rybkina** (European University, St. Petersburg): History of Broadcasting in the North-West of Soviet Russia: Radio Hams, Homemade Receivers, and Radio Mania, 1920-1930s***Contexts of Creativity***Chair & Commentator: **TBA****Claudia Mareis** (University of Basel): Transnational Creativity techniques in Cold War History**Lars Heide** (Copenhagen Business School): Opening the Innovation Systems Black Box**Elizabeth Bruton** (University of Leeds): Crossed Loops and Bent Antennas: Wireless Direction-Finding in the Early Twentieth Century

Patents, Invention, and Narrative in Industrial America

Organizer: **Steven Wilf** (University of Connecticut)

Chair & Commentator: **Paul Israel** (Rutgers University)

Steven Wilf (University of Connecticut): Patents and Social Movements in Late Nineteenth-Century America

Courtney Fullilove (Wesleyan University): The Unlikely (and Murderous) Case of Patents on False Teeth in 19th-Century America

Eric Hintz (Smithsonian Institution): The Depression-Era “Monopoly” Committee and the Elusiveness of Patent Reform

Engineers with and without Disciplinary Borders

Organizer: **Cyrus Mody** (Rice University)

Chair & Commentator: **Ann Johnson** (University of South Carolina)

Rebecca Slayton (University of Minnesota): Efficient, Secure, Green: The Shifting Logics of “Smart Grids”

Olof Hallonsten (Lund University): If We Open the Door, Who Will Come? Synchrotron Radiation from Esoteric Endeavor to Mainstream Activity

Joseph November (University of South Carolina): Engineering a Better Medicine

Unmaking Technologies: The Afterlife of Discarded Artifacts and Systems

Organizer: **Djahane Salehabadi** (Cornell University)

Chair & Commentator: **Dolly Jorgensen** (Umeå University)

Djahane Salehabadi (Cornell University): The Making and Unmaking of Dematerialization: On the Afterlife of Digital Technologies in Berlin

Heike Weber (TU Berlin): Bulk Waste: On the Shaping and Unmaking of a new Postwar Waste Category

Raiford Guins (SUNY Stony Brook): A Curious Cabinet: The After Life of Space Invaders at the Strong National Museum of Play

SATURDAY, 6 OCTOBER

5.30 - 6.30 PM

Presidential Address

Ronald R. Kline (Cornell University)

SUNDAY, 7 OCTOBER**9 AM - 6 PM*****Workshop on Information Identities: Historical Perspectives on Technological and Social Change***

Sponsored by CISSIG

The program will be announced on the CISSIG website over the summer.

Workshop on Historical and Contemporary Studies of Disasters:***Placing Chernobyl, 9/11, Katrina, Deepwater Horizon, Fukushima and Other Events in Perspective***

Sponsored by Prometheans/Asia Network/Teach 3.11

SESSION I: NATURAL/ANTHROPOGENIC DISASTERS**9.30 - 10.45 AM****Jo Klanovicz** (Midwest State University, Guarapuava, Parana, Brazil): Southern Brazil and natural disasters: An Environmental History**Ann Johnson** (University of South Carolina): Remediating Arsenic-Contaminated Water in Bangladesh**Teresa Sabol Spezio** (University of California, Davis): "An Inevitable Consequence:" Changing Ideas of Prevention in the Oil Industry in the Wake of the Santa Barbara Oil Spill of 1969**Amy Hay** (University of Texas - Pan American): Falling Leaves: Defoliants, Dioxin, and Disaster in Vietnam**Matthias Heymann** (Aarhus University): Technology and Natural Disaster: Reflections on a Changing Relationship**SESSION II: DISASTER PREPAREDNESS & RESPONSE IN GLOBAL PERSPECTIVE****11.00 AM - 12.15 PM****Eric Paglia** (Royal Institute of Technology, Stockholm) and **Charles Parker** (Uppsala University): Complex Catastrophe: Hurricane Katrina and the Warning Response Problem**Rita Parihar** (H.P. University, India): Salient Features of Disaster Management Systems of Different Selected Countries**Chigusa Kita** (Kansai University, Japan): Situated Questions, Situated Answers: How international exchange of academic questions can help the recovery process from disasters.**Philip Brown** (Ohio State University): Call it A 'Wash'? Conundrums of Technological Modernization and Flood Amelioration in Early 20th Century Niigata Prefecture, Japan

SESSION III: CONTEMPLATING NUCLEAR AND OTHER TECHNOLOGIES**1.30 - 2.45 PM**

Ivaylo Hristov (Plovdiv University, Bulgaria and Eindhoven Technical University): A Socialist Nuclear Program: The Vrancea Earthquake and the Bulgarian Nuclear Power Plant

Karena Kalmbach (European University Institute): Meanings of a Disaster: The Contested 'Truth' about Chernobyl

Mats Fridlund (University of Gothenburg): Engineering Terrorism: A Comparison of Technological Expertise, Innovations, and Impact in Four Urban Terror Attacks, 1807-2011

Martine Robert (University of Aix en Provence [CEPERC]): A Video Game to Overcome Limits in Thinking in Order to Contemplate Disaster

SESSION IV: UNDERSTANDING FUKUSHIMA DAI-ICHI**3.00 - 4.15 PM**

Robert Belot (Université de Technologie de Belfort-Montbéliard, France) and **Zelda Chauvet** (RECITS): The first Perception of the Hiroshima Tragedy in France before the Cold War: Between Fascination and Repulsion

Kenzo Okuda (Independent Scholar): The Role of Nuclear Reactors in Japan-UK Relations in the Cold War

Yasuhito Abe (University of Southern California): Do-it-yourself (DIY) Movements after the Fukushima Nuclear Crisis

François Gemenne (Institute for Sustainable Development and International Relations, Paris): Displaced by Disasters: Patterns of evacuation after Fukushima

CLOSING SESSION**4.30 - 5.00 PM**

Free Writing Exercise

Closing Observations & Remarks

TOURS

Please note that seating is limited on all tours and that most tours sell out, so please register early!

Thursday, 4 October

9.45 AM - 3 PM

Danish Monumental Architecture since 1600: Glyptoteket, National Bank and Grundtvig Church

Led by Bente Beedholm, Former President of the School of Architecture at the Royal Danish Academy of Fine Arts

Includes bus. Lunch will be available at the Royal Library. Limited to 30. Cost is \$30 per person.

By visiting a few public buildings built by the king and later the state or municipality you will be introduced to a variety of architectural styles, ranging from Dutch Renaissance, Rococo, Classicism and Arts and Craft to Modernism. All are well-known international styles but here represented with a distinct Danish flavor.

The tour will begin with the Grundtvigs Church (1920-40) and end at the Royal Library (1995-99) where we will have a light lunch in the café. On our way, we will visit the New National Theatre (2003-08), the National Bank (1965-71), and Christiansborg Church Chapel (1810-26). We will also pass the Old Stock Market (1619-23) as well as Amalienborg Palace (1750-54).

Noon - 4 PM

Pharmaceutical Production at Novo Industry and its International Expansion

Led by Ulrik Jørgensen, Technical University of Denmark

Includes bus and box lunch. Limited to 30. Cost is \$35 per person.

Novo Nordisk is a global healthcare company and is well known for its innovations in insulin production

and diabetes care. Headquartered in Denmark, Novo Nordisk employs approximately 32,700 employees in 75 countries, and markets its products in more than 190 countries. The tour will visit Novo's facility in Hillerød (a town north of Copenhagen) and a historical presentation will focus insulin production as well as the NovoPen medication. Overall, the tour will highlight the interplay of product, use, and production in the field of medical technology.

Friday, 5 October

Noon - 2 PM

Public Networks and Urban Mobilities: Copenhagen 1900

Led by Mikkel Telle, National Museum of Denmark
*Includes bus and box lunch. Limited to 19 people.
Cost is \$50 per person.*

In the three decades prior to the First World War, Copenhagen established a new city center. Beginning as a quiet hay market, City Hall Square grew rapidly, permeated by new network technologies, and it soon became the eye in the storm of debate about modern public culture in Denmark. By looking at City Hall Square, we can see how electric street lighting, public transport, telecommunications, and sewers came together circa 1900 to create the complex assemblage of discourse, objects and practices that we today take for granted as our public space. The tour will take the participants to the core of this development, going through the City Hall Square and related spots, discussing the themes of public networks in the past but also pointing to the future development of Copenhagen's infrastructure.

Saturday, 6 October**Noon - 2 PM****Copenhagen Harbor Tour by Boat**

Led by Morten Larsen, Copenhagen Business School

Includes Metro fare, box lunch, boat ticket, and guided tour. Limited to 20. Cost is \$17 per person.

Copenhagen was founded in the twelfth century around a harbor in the sound between the islands of Sealand and Amager. Through the centuries, the harbor and its operations have mirrored the life of the city. For decades, shipping and the Navy were important employers and built distinctive buildings in the harbor. The last 50 years, however, have witnessed the disappearance of shipping operations from the old harbor and the Navy has moved most of its operations away. Ferry operations have also declined and disappeared from the old harbor. Cargo operations have changed and Copenhagen did not become a large container port. Instead, the old harbor has been redeveloped into new commercial and residential neighborhoods. For this tour, we will travel to the town center by Metro and view the “New Harbor” built in the 1670s. Boarding a tour boat, we will sail through the former Navy areas with its old representative buildings and look at how redevelopment efforts using old and new buildings reflects four centuries of governmental, military and industrial history.

Sunday, 7 October**9 AM - 5 PM****The Diverse Heritage of Power Plants in Copenhagen and Sweden**

Organized by Arne Kaijser, Royal Institute of Technology, Stockholm, and Thomas Kaiserfeld, Lund University

Bus and box lunch. Limited to 27 people. Cost is \$70 per person.

This tour will visit two closed-down power plants – a diesel plant in Copenhagen and a nuclear plant in

Barsebäck in Sweden. The first has been turned into a museum, DieselHouse, celebrating a Danish-built diesel engine that was the largest in the world when it was inaugurated in 1932. The big diesel will be run during our visit. We will then visit a nuclear power plant with two reactors that were inaugurated in 1975 and 1977; these reactors became controversial because of their proximity to Copenhagen and Malmö. Largely because of the protests from Denmark, these reactors were taken out of operation in 1995 and 2005. Needless to say, the reactors will not be re-started during our visit. To get to Sweden, the tour will go by bus across the Öresund Bridge and we will hopefully view the sea-based wind-power plants from the bridge.

IMPORTANT NOTE: *Non-EU citizens will be required to present their passport in order to enter Sweden on this tour!*

9.30 AM - 2.30 PM**Viking ships at Roskilde: museum and a tour in a replica**

Led by Kurt Jacobsen, Copenhagen Business School

Includes bus, box lunch, and guided tour. Limited to 30 people. Cost is \$70 per person.

Nordic Viking endeavors a thousand years ago were based upon a unique ship technology that Scandinavians developed in the ninth and tenth century. Used for both commerce and war, Viking ships allowed Scandinavia to become rich and the Danes to rule England. This tour will take you to the Viking Ship Museum in Roskilde, which exhibits five well-preserved ships excavated in the 1960s. In addition, you will visit the museum boatyard where a number of traditional Nordic wooden boats is berthed as well as reconstructions of the museum’s five Viking ships.

**55th MEETING OF THE SOCIETY
FOR THE HISTORY OF TECHNOLOGY
COPENHAGEN – 4-7 OCTOBER 2012**

REGISTRATION FORM

Sorry, but we cannot process registrations sent by email.

We recommend that you register on line at <http://www.historyoftechnology.org>

You may also mail or fax this form to us (address and phone number at bottom of this page)

Please **PRINT CLEARLY** to avoid delay in processing your registration.

Last Name _____

First Name _____

Street Address _____

City & State _____

Country _____

Zip/Postal Code _____

Phone _____

Fax _____

Email _____

BADGE INFORMATION

Registrant's name _____

Affiliation/ Organization/ Institution _____

City & State _____

Name of accompanying person (if applicable) _____

**Mail to: SHOT
Annual Meeting
PO Box 577
Earlsville, VA 22936
USA**

Fax to: 434.975.2190

HOTEL PLANS

At this time, are you planning to stay at

_____ **Radisson Blu Falconer Conference Center**

_____ **Another hotel**

_____ **Ibsens Hotel**

_____ **With family or friends**

_____ **Cabinn Scandinavia**

Please note that SHOT is collecting this data solely for planning purposes and that you need to make your own hotel reservations.

REGISTRATION — by 1 September 2012 (midnight EDT) Cost Total

<input type="checkbox"/> SHOT member	\$175
<input type="checkbox"/> SHOT member underemployed scholar/retired	\$160
<input type="checkbox"/> SHOT student member	\$150
<input type="checkbox"/> Non-SHOT member	\$250*
<input type="checkbox"/> Non-SHOT member student	\$200*
<input type="checkbox"/> Fee for attending spouse	\$ 25

Late Registration — between 2-27 September 2012

<input type="checkbox"/> SHOT member registration	\$195
<input type="checkbox"/> SHOT member underemployed scholar/retired	\$180
<input type="checkbox"/> SHOT student member registration	\$170
<input type="checkbox"/> Non-SHOT member registration	\$270*
<input type="checkbox"/> Non-SHOT member student registration	\$220*

Registrations after 27 September will be processed at the registration desk in Copenhagen.

*Non-SHOT members may join the Society for \$64 (\$34 for students) and then be eligible for member registration. Membership includes a subscription to *Technology and Culture*. To join, please visit <http://www.historyoftechnology.org/benefits.html> and be sure to send a note with your registration indicating your SHOT membership. *Please note your membership will be verified and the extra fee will be charged to your credit card if membership is not up-to-date as of 1 September 2012.*

TOURS

Thursday 9.45 AM - 3 PM

Danish Monumental Architecture

\$30 per person

Includes bus (limited to 30)

(name of participant)

(name of accompanying person)

Saturday, Noon - 2 PM

Copenhagen Harbor

\$17 per person

Includes Metro, lunch, and ticket
(limited to 20)

(name of participant)

(name of accompanying person)

Thursday Noon - 4 PM

Pharmaceutical Industry

\$35 per person

Includes bus and box lunch
(limited to 30)

(name of participant)

(name of accompanying person)

Sunday, 9 - 5 PM

Power Plants in Copenhagen and Sweden

\$70 per person

Includes bus and box lunch
(limited to 27)

(name of participant)

(name of accompanying person)

Friday Noon - 2 PM

Public Networks and Urban Mobility

\$50 per person

Includes bus and box lunch
(limited to 18)

(name of participant)

(name of accompanying person)

Sunday, 9.30 - 2.30 PM

Viking Ships in Roskilde

\$70 per person

Includes bus, box lunch and ticket
(limited to 30)

(name of participant)

(name of accompanying person)

SHOT EVENTS

- Thursday evening
Reception at the Frederiksberg Town Hall
\$10 per delegate; \$10 per guest

(name of Registrant)

(name of accompanying person)

- Friday morning
Graduate Student Breakfast
No Charge
(open only to current graduate students)

(name of Registrant)

(name of accompanying person)

- Saturday evening
Awards Banquet
\$55 per person

(name of Registrant)

(name of accompanying person)

- Sunday morning
Asia Network Breakfast
\$18 per person

(name of Registrant)

(name of accompanying person)

SIG EVENTS

- WITH **Friday lunch**
Regular \$38 per person
Grad student \$19 per person

(name of Registrant)

(name of accompanying person)

- Envirotech
Saturday breakfast
Regular \$10 per person
Grad student \$ 5 per person

(name of Registrant)

(name of accompanying person)

- Prometheans **Saturday lunch**
No charge, pay at restaurant

(name of Registrant)

(name of accompanying person)

- Computers, Information & Society
Sunday Workshop
No charge

(name of Registrant)

(name of accompanying person)

TOTAL for registration, tours, meetings, & receptions: \$ _____

Mode of Payment: Circle One: Credit Card Check PayPal

Credit Card: MASTERCARD or V ISA (Please circle)

Card # _____

Expiration date ____/____/____ 3-digit security code _____

Please print clearly or we will be unable to process your registration.

Address on credit card statement

Date _____

Signature _____

Check # (U.S. Funds—U.S. Bank) _____

(Name and address must be printed on check)

PayPal: Please make payments at www.PayPal.com using the following email: SHOT2012@virginia.edu.

Please note your registration is only confirmed after we process your payment. A receipt will be sent by email.

REFUND POLICY

Until 1 September 2012

A full refund will be given of the registration fee plus tours, meals, and any other costs.

Between 2 - 26 September 2012

50% of registration fee. Banquet cost and SIG meals fully refundable. Tour refunds **may** be offered, at the discretion of the SHOT office.

After 27 September 2012

No refunds.

This printed form should be mailed or faxed to SHOT at the address or fax number listed on the first page.

We cannot accept registration forms sent by email for security reasons related to credit card fraud.

CONFERENCE HOTELS IN COPENHAGEN

For our meeting in Copenhagen, we have reserved room blocks with special rates at three hotels:

The anchor hotel, the **Radisson Blu Falconer Hotel and Conference Center**, is one block from CBS, with single rooms at 1295 DKK (at the current exchange rate \$219) and doubles at 1420 DKK (\$240). The following link will take you directly to the webpage for SHOT reservations: http://www.radissonblu.com/booking-entrance?language=en&sitaCode=CPHZR&adults_room1=1&rooms=&children_room1=0&arrival=03/10/2012&departure=08/10/2012&paccode=SHOT

Note that there are several Radisson Blu Hotels in Copenhagen and the one SHOT is using is the Falconer Hotel and Conference Center in Frederiksberg.

Please note that you must book with the Radisson before 12 August 2012 in order to get these conference rates.

A middle range hotel, Ibsens, is two stops away on the Metro from CBS, with single rooms at 985 DKK (\$166) and doubles at 1240 DKK (\$209). For more information, please visit <http://www.ibsenshotel.dk/> or email JHO@BROCHNER-HOTELS.DK. In making reservations, please refer to block code 199717.

A budget hotel, the Cabinn Scandinavia, is a ten-minute walk from CBS, with standard rooms at 545 DKK (\$92) and superior rooms at 645 DKK (\$109). We have secured a block of rooms in this hotel for graduate students and underemployed scholars. The Cabinn has rooms that can sleep up to four people. For details, see <http://www.cabinn.com/english/kbh/scandinavia/sca.html>. To make reservations, please use the form that can be downloaded from the

SHOT annual meeting webpage and be sure to refer to block code 1026877.

A FEW THINGS TO SEE AND DO IN COPENHAGEN

Walk along Copenhagen Harbor and visit the Little Mermaid and Christiania. Take the Metro to Kongen Nytorv and take a city map with you (in your conference folder). Walk along Nyhavn (New Harbor) and along the harbor towards north. The Little Mermaid is located in the harbor northeast off Kastellet, a well preserved fortification from the 17th century, an operating military facility which you can visit. Also, you can take the Metro to Christianshavn, watch the Dutch style canal neighborhood and walk along the eastern harbor front.

Take a walk in Frederiksberg Gardens. A beautiful green oasis two blocks from the venue. See the website for more details, and ask at the registration desk for directions. Website: http://www.ses.dk/en/SlotteOgHaver/Slotte/FrederiksbergHavOgSoendermarken/FrederiksbergHave.aspx?sc_lang=en

Visit The Copenhagen WALL. The WALL is a 12 meter long and 2 meter high interactive plasma screen at Frederiksberg Rundel, 10-15 minutes walk from the SHOT venue. Dreamlike, the city looms up before its audience as a 3D image. With a mere wave of your hand across the multi-touch screen, you're able to glide effortlessly from neighborhood to neighborhood through the city streets. You're also able to stop up and move closer to whatever catches your interest. Website: http://www.copenhagen.dk/en/whats_on/the_wall/what_is_the_wall/

Walk in the Copenhagen Town Center. This is the town between Kongens Nytorv (metro station) and Rådhuspladsen (Copenhagen Town Hall Square) and between Nørreport (metro station) and the harbor. A square of approximately 0.7 miles, it dates back to the middle ages, but the city burned repeatedly, so only a few houses are more than 500 years old. Great shopping area. Remember to carry a city map.

Take a citybike ride in the Copenhagen town center. You can use the citybikes (bycyklen) in the inner city of Copenhagen for free. All you need is a 20 DKK-coin for deposit. Put the coin in the citybike locker. The 20-DKK coin is returned when you put the citybike in one of the 110 city bike-racks. Citybikes are not sophisticated bikes but they are easily available. You can only use citybikes in daylight. Citybike web site: <http://www.bycyklen.dk/english/thenobleartofcitybiking.aspx>

Visit Freetown Christiania (Fristaden Christiania). Take the Metro to Christianshavn and take a city map with you. Christiania is a self-proclaimed autonomous neighborhood of about 850 residents since 1971. It is beautifully located in a former navy barracks along Copenhagen's ancient fortification with ramparts and moat. The area houses extensive illegal cannabis trade. The area is safe for tourists and has hundreds of thousands of visitors a year. But you should refrain from taking pictures and act cautiously.

Trip to Malmö in Sweden. This trip will take you past Copenhagen Central Station, Copenhagen Airport, across the Sound to in Sweden. Malmö is a beautiful city with fine shopping opportunities. Visit the DSB (Danish Railways) office in Frederiksberg Centeret (Frederiksberg Shopping Mall) next to CBS's Solbjerg Plads building. There you can buy a round-trip ticket to Malmö in Sweden. Then you board the Metro to Nørreport station where you will have a connection to Öresundståget (Sound Train) to Malmö. This train operates every 20 minutes. *Note: Non-EU citizens need to carry their passport in order to be able to enter Sweden!*

EDITH MAKES ITS DEBUT

In April of this year, the SHOT Executive Committee approved the formation of the new Special Interest Group EDITH (Exploring Diversity in Technology's History). EDITH has the dual aims of supporting both scholars and scholarship currently underrepresented in the history of technology and SHOT. As an organization, we look forward to incorporating the insights of the expanding fields of race, ethnicity, gender, sexuality, class, and disability – and growing attention to intersectionality of such categories – into the scholarship of the history of technology, and to provide an intellectual home within SHOT to a broad range of scholars.

The establishment of EDITH as a SIG marks a significant milestone in an effort that began two years ago in Tacoma, Washington, when a comment from the floor at the general meeting sparked a spirited discussion about diversity within SHOT. Then President, Arne Kaijser, proposed the creation of an Ad Hoc Committee on Diversity. The Preliminary Report on Diversity (15 April 2011) authored by the SHOT Ad Hoc Committee on Diversity, Tisha Hooks, Anna Åberg, and E. Prasad Venugopal, detailed a number of steps that might increase the participation of scholars currently underrepresented in SHOT. Among their recommendations was the establishment of a standing diversity committee within SHOT to implement a detailed list of objectives; the formation of EDITH is meant to complement the efforts of the Executive Council along those lines, not to forestall EC initiatives or responsibilities. However, some of the suggestions detailed by the Preliminary Report

seemed especially suited to the kinds of activities that currently take place in SHOT's special interest groups. To the extent that EDITH's interests include gender history, we expect our membership to overlap with WITH. However, EDITH's interest in diversity is broadly conceived and after a discussion among the WITH membership revealed a concern to maintain their historic focus, a new SIG to accommodate that full range of interests seemed the best course.

At the 2011 meeting in Cleveland, a call for interested scholars to discuss the formation of a SIG focused on diversity was answered by 22 attendees. This initial meeting chaired by Tisha Hooks led to the establishment of a listserv at the Massachusetts Institute of Technology under the direction of Deborah Douglas. The 45 members of the listserv became the founding members of the group. Nina Lerman and Gail Cooper took on the task of drafting the by-laws. Geoff Zylstra of WITH, Rachel Maines, Amy Bix, Bernie Carlson, and current SHOT President Ronald R. Kline offered invaluable insight and support along the way. In April of this year, the founding 45 members voted on the group's name (suggested by Nina Lerman), and approved governing by-laws. The first meeting of EDITH as a SIG will take place at the Annual Meeting in Copenhagen on Saturday, 6 October 2012 at 12:30 pm. Please see the program or email Anna Åberg (anna.aberg@abe.kth.se) or Tisha Hooks (tisha.hooks@yale.edu) for more details. We look forward to seeing you there.

CALL FOR PROPOSALS FOR HOSTING FUTURE MEETINGS

The SHOT Sites Committee invites inquiries from North American and international institutions wishing to host a future annual meeting of the Society. The Society has confirmed the locations of annual meetings through 2015, and so we are seeking institutions willing to host a meeting in 2016 and beyond.

Applicants are expected to submit a "letter of intent" to the committee. The letter should include proposed dates; the reason or motivation for hosting the meeting; adequacy of the proposed location and availability of accommodations; estimated travel and lodging costs; indication of institutional support; possible tours, events, and other activities; and the names of people willing to serve on a local arrangements committee. Specific guidelines for the letter of intent are described in the SHOT Sites Committee Handbook, and will be made available upon request. Letters of intent are due to the committee by 1 September 2012.

Please direct inquiries to the Sites Committee chair, Eric S. Hintz (Smithsonian Institution) at hintze@si.edu, +1 202-633-3734.

Locations and Dates of Future SHOT Meetings:

- 2013** 10-13 October, Portland, Maine
(hosted by Colby College)
- 2014** 6-9 November, Dearborn, Michigan
(hosted by the Henry Ford Museum)
- 2015** 8-11 October, Albuquerque, New Mexico

ELECTIONS

The 2012 ballot is located following the candidate biographies. Online balloting is available through the SHOT website. You will need to enter your membership number to vote for security reasons only; your ballot is still anonymous in the results database. Your membership number is located above your name on the mailing label of the newsletter and there is also information on the website regarding how to obtain your membership number from Johns Hopkins University Press.

Alternatively, you may return the paper ballot. Note that to ensure that only SHOT members vote, you need to include your membership number on the ballot. As in previous years, faxed copies will not be accepted. The deadline for submitting ballots is **1 September 2012**.

This year's ballot includes the election of a Vice President/President Elect as well as members of the Executive Council, Nominating Committee, and Editorial Committee. The Vice President serves for two years and then becomes President for the following two years. The Executive Council is SHOT's governing board and works with the Society's officers to plan and set policy. The Nominating Committee is responsible for selecting individuals to run for office and preparing the slate of candidates for each year's election. The Editorial Committee works with the editor of *Technology and Culture* in addressing questions relating to the operation of the journal. Members of the Council and the Nominating Committee serve for three years while the members of the Editorial Committee serve for five years.

CANDIDATES FOR VICE PRESIDENT/ PRESIDENT ELECT

Wiebe E. Bijker earned his Ph.D. in the history and sociology of technology from the University of Twente. Before that, he had studied physics and engineering in Delft, then philosophy of science in Groningen, and had taught physics in secondary

school for 7 years. He is currently professor of technology and society at the Universiteit van Maastricht, where he also served as dean (1996-2000). Wiebe has been active in SHOT since 1984. He served on its International Fellows Committee (1990-91), Executive Council (2004-07), and Publications Committee (2008-13). In 2002 he received with Karin Bijsterveld, the Abbot Payson Usher Prize for "Women Walking through Plans: Technology, Democracy, and Gender Identity," *Technology and Culture* 41(2000): 485-515. The 1987 volume *The Social Construction of Technological Systems: New Directions in the Sociology and History of Technology* (MIT Press), which Wiebe edited with Trevor Pinch and Thomas P. Hughes, will be published in an anniversary edition in 2012 with new introduction and preface. Other publications include *Of Bicycles, Bakelites, and Bulbs: toward a theory of sociotechnical change* (MIT Press, 1995); "Dikes and Dams, Thick with Politics", *Isis* 98 (2007): 109-123; and, with R. Bal and R. Hendriks, *Paradox of Scientific Authority: The Role of Scientific Advice in Democracies*. (MIT Press, 2009). Wiebe's current research focuses on the use of technology for development and on normative and political questions about technology in society. Much of this work is in collaboration with colleagues in India and Africa. Wiebe has served as President of the Society for Social Studies of Science (4S) and chaired a variety of advisory committees for the government of the Netherlands. For more details, see <http://www.fdcw.unimaas.nl/staff/bijker>

I would like to start from the same base as my contribution to SHOT's 50th anniversary ("Globalization and Vulnerability: Challenges and Opportunities for SHOT around its 50th Anniversary" *Technology and Culture* 50 (2009): 600-612). SHOT has grown into a very stable society representing an undisputed, high quality of scholarship. Recent developments have successfully diversified SHOT's service to the scholarly community and its engagement with the outside

world, for example by introducing new forms of (electronic) publications. The mainstay of SHOT's functioning is and will remain the quality of its annual meetings and the excitement and support these offer to a broad spectrum of historians of technology, crucially including graduate students. But SHOT is now strong enough to extend its reach. I would like to contribute, as Vice President or otherwise, to help SHOT to connect even more fruitfully with technology studies broadly conceived, at the intersections with 'larger' history and with the social sciences. Also, SHOT can develop beyond internationalism as defined by 'US + Western Europe'. Collaboration with colleagues in Asia, Latin America, and Eastern Europe will offer exciting new insights and strengthen scholarship in the history of technology at a truly global level.

Francesca Bray: I am delighted and honoured by the invitation to run for Vice-President/President Elect. At first I was astonished: my qualifications for this challenging and responsible position are pretty off-beat even within such a heterogeneous pool of interests as SHOT represents. But then I remembered how welcoming the Society and its members have always been to newcomers and outsiders, how responsive SHOT has been to the new perspectives and ideas that the outsiders bring, and how seriously and persistently the Society has pursued the long-term goals of internationalisation and diversification. I realised that I would indeed have something useful to contribute to the Society, and I knew that I would learn a great deal and enjoy myself hugely in the process. So let me introduce myself, and explain what I would hope to offer to SHOT if elected.

Most historians of technology have unconventional careers, straddling disciplinary boundaries and asking awkward questions that won't fit the usual boxes. This is certainly my case. I stumbled into the history of technology by chance, just after graduating in Chinese Studies at Cambridge, when Joseph Needham enrolled me to produce the volume on Agriculture in his series *Science and Civilisation in China*. To make sense of imperial Chinese agricultural treatises, I trained myself to work across

the boundaries of Chinese history, history of science and technology, anthropology of techniques, sociology of development, and comparative history, and I carried out a year of ethnographic fieldwork among rice-farmers in Malaysia caught up in the technological transformations of the Green Revolution. After completing the SCC volume, published in 1984, I wrote a comparative study of wet-rice farming and its technical dynamics, *The Rice Economies: Technology and Development in Asian Societies* (1986), where I first attempted a critique of Western-centred representations of technological progress. Along the way I acquired a PhD in Social Anthropology and moved from Cambridge to Paris, to work with the *Techniques et culture* group. Then, after a year in Korea, I moved to the University of California where I taught for 20 years, at UCLA and UCSB, before moving to Edinburgh in 2005.

Working and teaching between history and anthropology, and testing the present against the past, the West against the East, has proved immensely fruitful and stimulating. One of the central agendas of my research has been to explore the macro- and micro-politics of everyday technologies, and the disciplinary efficacy of technical practices. This project first took shape as an investigation of technology and gender in imperial China, and developed into broader studies of everyday technologies and governance, not only in imperial China but also in the contemporary Western world (including the politics of genetically modified crops, the ethical efficacy of contemporary domestic technologies, etc.) An inseparable dimension of this critical, feminist research agenda is to scrutinise the politics of defining and attributing technological competence: which skills are valued as socially or intellectually important, how they are labeled, what and who is excluded – whether by members of a particular society, or by historians bringing their own criteria to explain that society, or to rank it in some comparative hierarchy. My latest struggle with the challenges of Eurocentrism, teleology and inclusion has been drafting a chapter on "Technological transitions" for the early-modern volume of the *Cambridge World History*, which I hope will ruffle the editors' feathers nicely.

It has been gratifying to find that my big, awkward questions mesh closely with the goals of many colleagues at SHOT. Although I am unusual in working on China, and in my anthropological perspective on the meaning and significance of technologies, I have found it wonderfully easy to engage in productive discussion with SHOT colleagues. Engaging my fellow China specialists was not so straightforward. As Tom Hughes notes, technology is a “hazardous concept”. The Eurocentric assumptions and prejudices they associate with the term have led many non-Western historians, particularly historians of pre-modern China, to reject technology as a valid object of study. One of my personal campaigns has been to convince fellow-Asianists that technology is good to think with, and it delights me to see that my work has contributed to what is currently a renaissance of historical studies of technology in pre- and early-modern China and East Asia. There are some wonderful young scholars out there, but many of them still think of SHOT, if they are even aware of its existence, as a society for studying the modern West and not, therefore, an organization that would welcome them. This is one challenge I would like to take up if elected.

My own experience with SHOT has been enormously positive, but I too took quite a while to understand just how welcome I would be, and how much I stood to gain from the connection. In fact my very first article (on ploughs in ancient China!) was shepherded through publication in *Technology and Culture* by Melvin Kranzberg in 1978. I was proud and grateful to *T&C*, but quite unaware that SHOT existed. I remained in ignorance, I’m sorry to say, for quite a while longer. My membership of SHOT dates back only fifteen years, but the warmth, generosity and openness of the Society and its members immediately endeared them to me. SHOT have been immensely kind to me. They awarded the Dexter Prize to my book *Technology and Gender* in 1999, and invited me to contribute a study on Technology in Ming Society to the AHA/SHOT series. I served on the Executive Council from 2006 to 2008, and after that on the Edelstein Prize Committee. Currently I am on the International Outreach Committee, and a Contributing Editor to

T&C. So I feel I know SHOT, its goals, values and methods, pretty well, and I value it as a collegial and creative organization that maintains a reassuring stability of spirit while remaining alert to promising new possibilities.

I have been involved in several of SHOT’s recent, sustained and largely successful initiatives to promote internationalisation and diversity. The creation of a lively, pro-active SHOT Asia Network SIG is a heartening sign of the accomplishment and enthusiasm available for SHOT to mobilise. But there is clearly still more to be done, both to diversify SHOT and to cultivate new audiences for the history of technology, not only within North America but further afield. If elected, I would hope to put my Asian, European and cross-disciplinary links to use to bring new scholars into the SHOT ambit as members, participants at meetings and contributors to SHOT publications. I see scope to build upon the stimulating success of the joint SHOT-HSS-4S meeting in Cleveland and to run more regional workshops. I am especially keen to work with the Asia Network to explore the potential for organizing exhibitions or other forms of public outreach and curricular development in collaboration with Asian museums and universities. Like all SHOT members I am committed to promoting a more inclusive, richer understanding of what technology is, does and signifies. At this point in world history Asia clearly beckons, and I believe I am well placed to help SHOT strengthen those connections.

CANDIDATES FOR EXECUTIVE COUNCIL

Atsushi Akera is Associate Professor in the Department of Science and Technology Studies at Rensselaer Polytechnic Institute. I am actually a rather long-standing member of SHOT, having attended my first SHOT meeting back in 1986 during the fall following my graduation from MIT (as an undergraduate STS major). Since then I obtained my PhD from the Department of the History and Sociology of Science at the University of Pennsylvania. I currently serve as a co-chair of the Prometheans, SHOT’s Engineering SIG, and am a member of SIGCIS and the Asia Network, as well

as a member and immediate past chair of SHOT's Sites Committee. I have also served on SHOT's Nominating Committee, Editor-in-Chief Search Committee, SHOT Secretary Search Committee, and the Kranzberg Dissertation Prize Committee.

As many of you may know, I began my academic career in the history of computing (*Calculating a Natural World: Scientists, Engineers, Computers during the Rise of U.S. Cold War Research* [MIT Press, 2006]), but have since shifted my focus to the history of U.S. engineering education reform, which I hope to turn into a co-authored book with Bruce Seely during the next several years. As a member of the SHOT Executive Council, I would work hard to preserve the diversity of scholarship within our society; continue our path towards internationalization; and work closely with our special interest groups to advance new lines of inquiry, including promising interdisciplinary topics such as the study of both natural and anthropogenic disasters. (I was one of the organizers of the STS Forum on Fukushima, which aims to create an interdisciplinary, transnational research community for historical and social scientific analyses of the 2011 disaster in Japan.) Outside of my work for SHOT, I am active in the American Society for Engineering Education's Liberal Education / Engineering & Society Division; the International Network for Engineering Studies (INES); New England Workshop on Science and Social Change (NEWSSC); and the Society for the Social Studies of Science (4S). I also serve as the Director of First Year Studies at Rensselaer and am the Secretary of the Faculty for the newly reconstituted Faculty Senate at our institution. My hope would be that these various experiences will contribute to my efficacy as a member of SHOT's Executive Council.

Amy Sue Bix is an associate professor in the History Department at Iowa State University and director of ISU's Center for Historical Studies of Technology and Science. Her book, *Inventing Ourselves Out of Jobs? America's Debate over Technological Unemployment, 1929-1981*, appeared with Johns Hopkins University Press in 2000. She has published on the history of breast cancer and AIDS research,

history of eugenics, history of alternative medicine, history of home-tool use, and post-WWII physics and engineering, among other subjects. She has also written about the history of women aviators, physicians, and home economists, plus gender and the body in Islamic culture. She is currently finishing a book titled, "*Girls Coming to Tech!': An Institutional, Intellectual, and Social History of Engineering Education for American Women.*" Amy has been involved with SHOT since graduate school and served on numerous committees, including the Nominations Committee, Robinson Prize Committee, Finance Committee, and others. She currently serves as the secretary-treasurer for WITH and has been involved with the effort to start the new SHOT diversity SIG, EDITH. Most notably, Amy served as SHOT Secretary from 2003 through 2008, overseeing and coordinating all of SHOT's operations, from the newsletter and prize procedures, to five annual meetings and SHOT's fiftieth anniversary celebrations. That experience has made her thoroughly familiar with both the vital details and the big picture of how SHOT thrives, and she is eager to continue serving the society. If elected to the Executive Council, Amy would like to concentrate on ways of expanding and extending what she has always valued as some of SHOT's greatest strengths: its openness to graduate students, scholars from other disciplines, and newcomers; its commitment to internationalization, and its tangible support for scholarly excellence and publication. In particular, she would like to cultivate and support the growing strength of SHOT's interest groups and the variety of their activities that foster exchange and development of ideas.

Jonathan Coopersmith: I teach the history of technology at Texas A&M University, where I am an Associate Professor of History. My published research includes Russian electrification, the fax machine, and communications technologies and pornography. I am beginning a project on assessing technology readiness. Having attended my first SHOT conference in Newark in 1979 (where the hotel locked its main door after midnight), I have seen SHOT evolve over the decades to become a more welcoming, inclusive and inquisitive society.

I have served on the program, editorial, Robinson Prize, IEEE Prize and nominating committees and have been active with the Jovians, Mercurians, and Prometheans (though only WITH trusted me to be its treasurer for a few years). If elected, I would work to improve our outreach to non-historians and to historians whose primary interest is not technology. Increasing SHOT's electronic presence will be a major part of that outreach.

Mats Fridlund: My first exposure to SHOT came in 1992 as an excited engineering student behind the registration desk at the Uppsala meeting. That excitement still remains. Today I am Senior Lecturer of Theory of Science at the University of Gothenburg in Sweden but for the majority of my career I worked at universities in the UK, USA and Denmark. I have served on SHOT's Nominating and IEEE Life Prize Committees as well as elected positions in ICOHTEC and IEE History of Technology Network. To the executive council I hope to contribute with my international experiences and priorities and ambitions to expand the cross-disciplinary inclusiveness that SHOT's annual meetings have fostered. I have held appointments in history, international studies and political science and I believe SHOT should work more on extending its intellectual engagement with other communities through institutionalizing new cross-disciplinary arenas such as workshops and summer schools to collaboratively discuss technological culture, politics and subjectivities in the past and present. This ambition connects to my historical research on the 'politics of things' that I use to better understand current political and cultural issues. My first book was on nationalism and engineering and my present work focuses on technologies of state terror and terrorism. I have always found stimulus and companionship in SHOT and its interests groups whether among Mercurians and Jovians or Prometheans and Military Technology groups. My long and very rewarding experience of SHOT makes me very much value this opportunity to give something back to "my" society.

Michael N. Geselowitz is Senior Director of the IEEE History Center. The IEEE History Center is

the public history operation of IEEE, the world's largest technical professional society representing over 400,000 electrical, electronic and computer engineers and scientists in over 160 countries. The IEEE History Center is situated at Rutgers, the State University of New Jersey, which serves as a co-sponsor. Immediately prior to joining IEEE in 1997, Mike was Group Manager at Eric Marder Associates, a New York market research firm, where he supervised Ph.D. scientists and social scientists undertaking market analyses for Fortune 500 high-tech companies. Mike holds S.B. degrees in electrical engineering and in anthropology from the Massachusetts Institute of Technology, and M.A. and Ph.D. degrees in anthropology from Harvard University, and is also a registered Patent Agent. His academic focus has been on the history and social relations of technology, and he has held teaching and research positions relating to the social study of technology at M.I.T., Harvard, and Yale University, including a stint as Assistant Collections Manager/Curator at Harvard's Peabody Museum of Archaeology and Ethnology. Through the arrangement between IEEE and Rutgers, he is currently Adjunct Professor of History of Technology and of Science, Technology and Society at Rutgers, and the Director of the interdisciplinary, extra-departmental undergraduate program in Science, Technology and Society.

SHOT has always been hospitable to public historians relative to other history associations. As public history of technology becomes increasingly important in the 21st century, I would like to strengthen that relationship, and also to build bridges between SHOT and the associations of engineers and technologists that are both our subjects and one of our important audiences. In addition, in an age where there is much debate about when and how to prepare graduate students in history for nonacademic careers, I feel that historians of technology are particularly well-suited for that pursuit and that SHOT has a role to play. My eclectic background—including business experience—and current appointment working for IEEE position me well to pursue both these initiatives.

Fredric L. Quivik: I am Associate Professor of History in the Department of Social Sciences at Michigan Technological University, where since 2010 I have been teaching history of technology and environmental history, working with Tech's graduate program in Industrial Heritage and Archaeology, and editing *IA: The Journal of the Society for Industrial Archeology*. I served a two-year term as president of the Society for Industrial Archeology from 1996 to 1998. I have long been interested in the history of technology as the interaction between humanity and the environment, both natural and cultural. Since its inception, I have been a member of EnviroTech, the SIG affiliated with SHOT and the American Society for Environmental History.

Prior to joining the faculty at Michigan Tech, I worked for seventeen years as a consulting historian of technology, primarily as an expert witness in Superfund and related environmental litigation. I also continued to work as a consultant in historic preservation, a field in which I have been professionally active since the 1970s. Most of my preservation work has focused on historic sites with industrial or engineering character. I was an art major at St. Olaf College and later earned a Bachelor of Environmental Design from the Architecture School at the University of Minnesota, an MS in Historic Preservation from Columbia University, and a PhD in History and Sociology of Science at the University of Pennsylvania. While working as a consultant for more than three decades, I also taught as an adjunct at Penn, the University of California at Berkeley, Montana State University, and Montana Tech.

As a member of SHOT's executive council, I will work to continue SHOT's ties with the museum and cultural resource communities and to strengthen and develop new relationships with environmental historians and environmental organizations. I would like to help others appreciate the importance of the history of technology for understanding the challenges the world's peoples face in forging sustainable relationships with our planet's environments.

Anna Storm is a postdoctoral researcher in the History of Technology at the Centre for Baltic and East European Studies (CBEES), Södertörn University, Stockholm, Sweden. Her doctoral thesis is titled *Hope and Rust: Reinterpreting the Industrial Place in the late 20th century* (Royal Institute of Technology, Stockholm 2008) and was awarded the ICOHTEC Prize for Young Scholars 2009. In 2006 she was awarded the Joan Cahalin Robinson Prize for best presentation at the SHOT Annual Meeting in Las Vegas. This year she chairs the Dibner Prize Committee as well as the ICOHTEC Maurice Dumas Prize Committee. Currently she holds a postdoctoral position funded by the Swedish Research Council with an individual research project titled "Politics of remembering: Contested heritage processes at Ignalina and Barsebäck nuclear power plants." Two key issues for the future of SHOT are the work to encourage young scholars and to enrich the diversity of nationalities represented in the organization. If elected, I would do my best to further improve SHOT's activities within these fields.

CANDIDATES FOR THE EDITORIAL COMMITTEE

Bruce Hevly was trained at Johns Hopkins, where he worked with Robert Kargon and Stuart W. Leslie, and interned at the National Museum of American History with Bernard Finn. He has taught the history of technology and science as a member of the Department of History, University of Washington, since 1989, where he is affiliated with the UW's museum studies program and its undergraduate major in history and philosophy of science, and is currently the Colonel Donald W. Wiethuechter, USA Ret., Endowed Faculty Fellow in Military History. His most recent publication is *Atomic Frontier Days: Hanford and the American West* (2011), and his current major research project concerns the history of rifle marksmanship and shooting ranges in the United States and Norway. He has served SHOT on the Robinson Prize committee, the Sally Hacker Prize and the Levinson Prize Committees as well as the Local Arrangements Chair for the 2010 meeting in Tacoma.

Sarah Lowengard: I am a New York City-based academic and a member of the Faculty of Humanities and Social Sciences at The Cooper Union. My research in the history of technology (Ph.D., SUNY Stony Brook, 1999) centers on the materials sciences of early modern material culture. A member of SHOT for about 25 years, I served on the Dibner Prize Committee in the late 1990s and have been an Advisory Editor of *Technology and Culture* since 2006. In addition to my academic pursuits, I have maintained an art conservation practice for 35 years and, for the past decade, a research, editorial and management consultancy that specializes in services to independent practitioners.

I joined SHOT about five years before it occurred to me I might pursue a graduate degree. As a result, I have always been aware of the ways that SHOT publications engage and serve the communities interested in things technological: the member base of course, and scholars who work in related or tangential disciplines but also the broader public, including K-12 educators, the one-topic obsessives and journalists. If chosen to serve on the Editorial Committee, I will work to ensure that *Technology and Culture* remains the preeminent international journal in the history of technology while exploring new ways to reach and serve all these groups.

CANDIDATES FOR THE NOMINATING COMMITTEE

Ruth Schwartz Cowan is Janice and Julian Bers Professor Emerita of the History and Sociology of Science at the University of Pennsylvania and Professor of History Emerita at Stony Brook University. She has been a member of SHOT since the early 1970's and has served as President, as a member of the Executive Council and on the Kranzberg Fellowship Committee. She is also a founding member of WITH.

Colin Divall: In the perfect world the Nominations Committee wouldn't exist. Every year, just the right number of people with just the right kind of experiences, neatly spread across all those parts of

the globe where SHOT has a presence, would spontaneously volunteer their services to the Society and nominate themselves for election. And they'd be right to do so, for SHOT is a fun and rewarding organization to help run. But strangely enough, it just doesn't work out like that. Most people are too busy doing the day job, or sometimes just too modest to put themselves forward. So the Nominations Committee exists to squirrel out those people – the great majority – who are very happy to stand for election if someone only asks them. That job goes on in all voluntary societies: what makes SHOT a bit different is that you get to choose who does it – the members of the Nominations Committee.

So why do I want to do the job? Well, I was asked! And SHOT is a great organization, the most important learned society in my career. If your job is to persuade people to work for nothing, then you need to know where those people are, or at any rate to know people who know people... I've been lucky over the last couple of decades to work with great people from a range of backgrounds from many parts of the world. I've one foot firmly in the world of museums, the other in universities. These days I'm really concerned with making the history of technology engage with politics and policy. I'm based in the UK, work closely with colleagues across Europe, have travelled a fair bit to the USA and Canada, and have good contacts in India and Australia in particular. I'm not so hot on the rest of Asia – although I have a couple of contacts in China – or South America: but I do know people who know people! I'm also pretty familiar with how SHOT works: I've served two terms on the Executive, one on the Dibner exhibitions committee, and I'm currently one of *T&C's* contributing editors. And of course, if you don't want me to do the job, you can always cast your vote elsewhere: or next year, volunteer yourself...

2012 SHOT BALLOT

After marking your ballot, detach it and fold it in half, and tape it closed on all three open sides. Please affix a first-class stamp as indicated on the reverse side and mail it to the SHOT Secretary's office by **1 September 2012**. Alternatively, an online ballot is available through the SHOT website until **1 September 2012**.

Vice President/President Elect

Four-year term (two as Vice President,
two as President)

Vote for 1

_____ Wiebe Bijker

_____ Francesca Bray

Editorial Committee

Five-year term

Vote for 1 out of 2

_____ Bruce Hevly

_____ Sarah Lowengard

Executive Council

Three-year term

Vote for 3 out of 7

_____ Atsushi Akera

_____ Amy Sue Bix

_____ Jonathan Coopersmith

_____ Mats Fridlund

_____ Michael Geselowitz

_____ Fredric Quivik

_____ Anna Storm

Nominating Committee

Five-year term

Vote for 1 out of 2

_____ Ruth Schwartz Cowan

_____ Colin Divall

SHOT Membership No.: _____

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