

Proposal for a 2025 SHOT Online or Virtual Session.

Early 20th Century Migration of Extraordinary People with Their Unique Technical Knowledge

For the proposed SHOT session, the interest is in biographical sketches of extraordinary mathematicians, scientists, and engineers, who were born in the late 1800s and educated through their terminal degrees in their home countries. For their survival as human beings or by intention to further their careers, they emigrated in the early 20th century to new countries bringing their unique, cutting-edge technical knowledge with them. They applied their unique technical knowledge in the development of (interdisciplinary) solutions to pressing problems of the historical days while holding paramount the safety, health, and welfare of the public.

One biographical sketch will be offered by each presenter. To develop commonalities among the presentations, the biographical sketches will include the following historical information about the extraordinary immigrants:

- their university education and, if applicable, their mentors, professional experience, and accomplishments in their home countries,
- the unique characteristics of their education, knowledge, and professional abilities and capabilities,
- their motivations for emigrating to a new country,
- how they aligned themselves professionally so that they could apply the knowledge that they brought with them and any struggles in doing so,
- how they became lead technical experts, either as researchers or forensic investigators,
- their positive contributions to their disciplines and society, and
- their legacies.

I am seeking two or three Co-presenters, a Commentator, and a Session Chair. Thank you.

Organizer and Co-presenter:

Julie Mark Cohen, PhD, PE

jmcohen@jmcohenpe.com