Photoionization Workshop Report

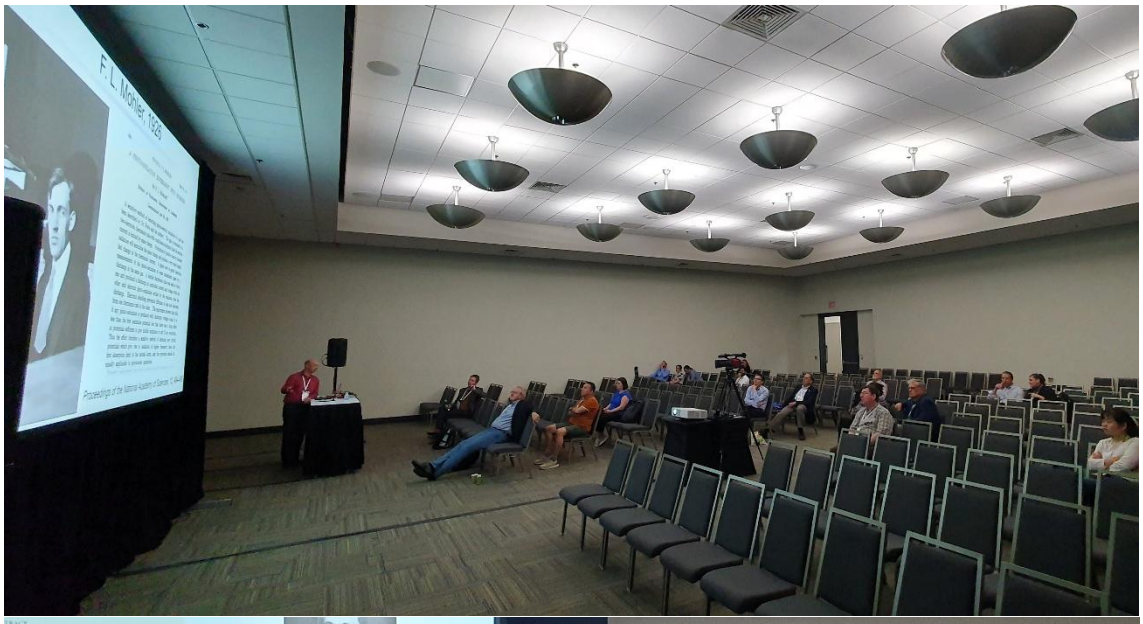
“Celebrating 100 Years of Photoionization MS: Early Developments, Modern Applications, and Future Directions (Photoionization MS Interest Group)”

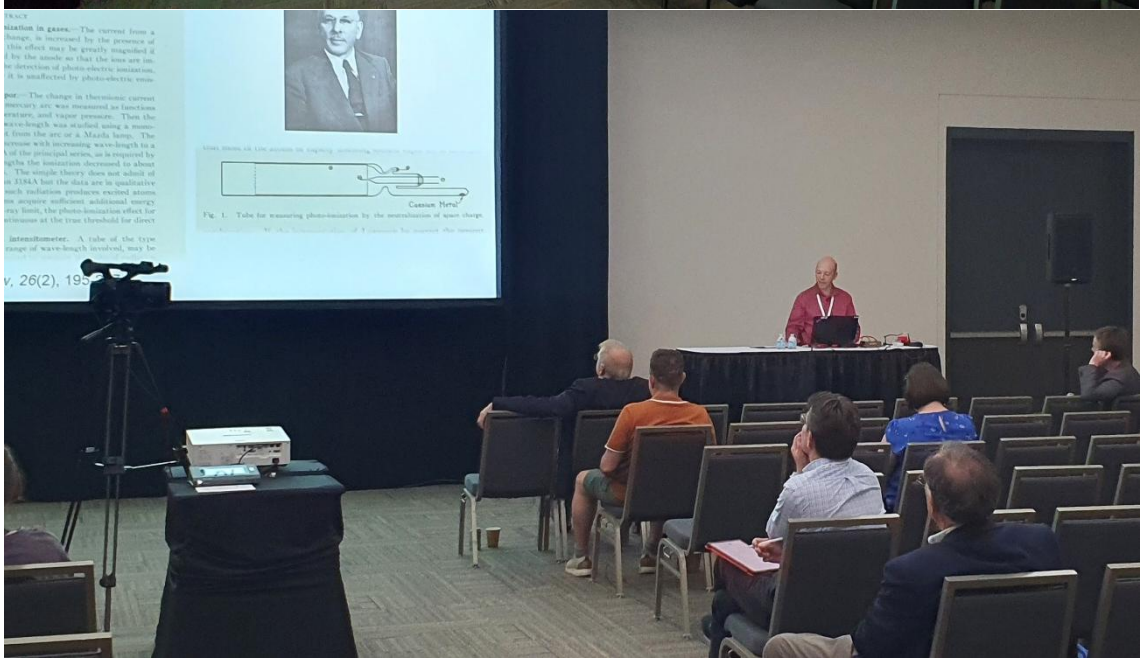
74rd Conference on Mass Spectrometry and Allied Topics, San Diego, California
Tuesday, June 2nd 2026
Organized by: Patrick Müller, Sven Ehlert

Approx. Attendance: 28 people

<u>Organizational matters</u>

- Next year’s interest group coordinators will be Patrick Müller and Asher Newsome
- We thank **Sven Ehlert** for his service and looking for a successor.







Content:

The Photoionization Workshop brought together a slightly smaller audience than in previous year, but still more than in the years before. However, in addition to the established core group of active photoionization users, the event also attracted several new participants with a growing interest in the technology.

The workshop opened with an outstanding historical perspective on photoionization, presented by Asher Newsome, Jack Syage—one of the pioneers of the field—and Ralf Zimmermann. Their talks provided a fascinating introduction to the development of photoionization techniques and offered valuable historical insights. Even experienced and long-time users of photoionization were able to learn new aspects and anecdotes about the origins and evolution of the technology.

Following this historical session, Chip Cody delivered an engaging presentation on emerging applications and technologies. His contribution, enriched with numerous personal anecdotes and experiences, stimulated a lively discussion that covered both the history of atmospheric pressure photoionization (APPI) and its future prospects. Participants exchanged views on current challenges, technological developments, and potential new application areas.

Overall, the workshop provided an enjoyable and stimulating forum for scientific exchange. Although relatively small in scale, the workshop reflected the specialized nature of the photoionization community and offered an excellent opportunity for in-depth discussions among experts and newcomers alike.

All presentations from the workshop are included in the attached files.