

ASMS Ion Trap Interest Group Workshop Report

June 1, 2015

5:45-7:00 p.m.

Presiding: Daniel Austin

Business meeting: Zheng Ouyang was elected to be the new interest group coordinator for next year. Daniel Austin (outgoing coordinator) will help him organize next year's workshop.

The body of the workshop consisted of two short presentations followed by extensive discussion.

1. Albrecht Brockhaus presented "Combining the Best of Two "Worlds": FT Trap with Non-Destructive Ion Detection" (co-authors Albrecht Brockhaus, Michael Schmidt, Stefan Butzmann, Thorsten Benter, Alexander Laue, Michel Aliman).
This presentation discussed classical quadrupole ion traps compared to FT instruments, benefits from combining both ideas, non-destructive ion detection by measuring the induced charges, discussion of performance characteristics. 25 minutes of discussion followed, including comments by a large number of interest group members.
2. Wei Xu (Beijing Institute of Technology) presented on cross section measurements in ion traps, compared with similar measurements using FTICR instruments. 20 minutes of discussion followed.

137 people were in attendance at the workshop.