

Foreword to the EBIS/T 2022 Proceedings

The 14th International Symposium on Electron Beam Ion Sources and Traps hosted by TRIUMF was held June 14-18, 2022 at the Marriott Delta Hotel and Suites in Whistler, BC Canada.

The EBIST symposium has been held every three to four years since 1977. The goal of this symposium is to discuss the design, development, applications of electron beam ion sources and traps, and the physics with highly charged ions.

EBIS/T 2022 covered the following topics:

- Progress and status of EBIS/T facilities
- EBIS/T physics including electron and ion beam optics and related simulations
- EBIS charge state breeder developments and operational experience
- Charge breeding of stable and radioactive isotopes,
- Atomic spectroscopy of highly charged ions
- Applications of highly charged ions from EBIS/T

The COVID-19 disease had a major impact on the planned EBIS/T 2020 conference in Whistler, Canada. Due to travel restrictions at major labs, a ban of large conferences in British Columbia and last but not least the significant health risk for participating colleagues to the EBIS/T 2020 conference, the conference could not be held in June 2020 in Whistler and was rescheduled to June 14-17, 2022. This decision was discussed and approved with the International Advisory Board and the Local Organizing Committee of EBIS/T 2020.

We thank the International Advisory Board and the Local Organising Committee: their commitment delivered an excellent conference experience. We extend our appreciation to all attendees, sponsors and exhibitors for their enthusiastic participation at EBIS/T 2022.

Chairperson:

Oliver Kester (TRIUMF, Canada)