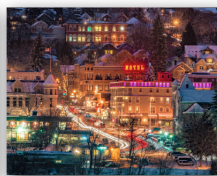


Session Program

Sep 20 - 25, 2026



10th International symposium on Negative Ions, Beams and Sources - NIBS'26

Poster Session 2

Prestige Lakeside Resort Nelson, Conference Room

Tue, September 22

5:00 PM

Poster Session 2

Poster Session | **Location:** Hume Hotel

The LAMP H- ion sources: goals, status, and plans

Speaker

Anna Alexander

High-intensity RF-driven cesiated negative hydrogen ion source equipped with J-PARC-made antenna coil for J-PARC user operation

Speaker

Katsuhiro Shinto

Design Evolution and Performance Improvements of D-Pace's ES-4 Emittance Scanner

Speaker

Mr Zack Watkins

Addressing Plasma Asymmetry and Potential Control in the Negative Ion Source for Neutral Beam Injectors: the ANIS Concept

Speaker

Freddy Gaboriau

PIC Simulation of Sheath Formation and Particle Loss Processes in Cusp Magnetic Fields for Negative Ion Sources

Speaker

Mr Tetsunori Otsubo

Design of a High Current Beam Extraction and Transport System for the ISIS 2X Penning H- Ion Source

Speaker

Dean Morris

Experimental Studies on Negative Ion Production in a 13.56 MHz RF Ion Source

Speaker

Anand George

Analysis of isotope effects on negative ion source extraction using 3D-PIC Calculation

Speaker

Katsuya Hayashi

Improvements to Plasma and Process Uniformity in a Plasma Immersion Ion Implantation (PIII) System via Multi-cusp Magnetic Confinement

Speaker

William Davis

Direct comparison of extraction electrode current between experiments and PIC simulation in J-PARC RF-driven negative hydrogen ion source

Speaker

Takanori Shibata

Towards Ion-Beam Studies Using the USASK Dense Plasma Focus Device**Speaker**

Jeisson Vanegas

Optical emission spectroscopy for measuring electron temperature and density in a Penning ion-source test stand for the production of negative hydrogen ions**Speaker**

Jonathan Doyle

Mitigation of Secondary Electron Trapping in Permanent-Magnet Ion Sources by Extraction Geometry Design**Speaker**

rebekka nagy

Integrating a Laser Neutralizer Wire Scanner in the LANSCE H- LEBT**Speaker**

Charles Rohde

Measurement of electron affinities at the HAMSTER facility**Speaker**

Mr Laurenz Widermann

Status of the internal RF antenna negative ion source for LAMP**Speaker**

Dr Madison Howard

Numerical Analysis of the Da Vinci project negative ion-based Neutral Beam Injectors**Speaker**

Ken Franzen

7:00 PM