

Session Program

2-7 Oct 2022



8th International symposium on Negative Ions, Beams and Sources - NIBS'22

Oral session 9

Orto Botanico - Padova, Italy
Via Orto Botanico, 15 - 35123 Padova, Italy GPS: 45.399444, 11.879807

Wednesday 5 October

14:10

Oral session 9

Session |

Location: Orto Botanico, Auditorium, Via Orto Botanico, 15 – 35123 Padova, Italy GPS: 45.399444, 11.879807

14:10–14:40

Caesium Balance of the ISIS H⁻ Penning Ion Source in Long Pulse Operation

Speaker

Olli Antero TARVAINEN

14:40–15:10

Plasma Electrode Materials for Cs-free Negative hydrogen ion Sources

Speaker

Mamiko SASAO

15:10–15:40

The effect of oxygen impurities on a caesium-covered Mo(001) surface: insights from Molecular Dynamics simulations for negative ion sources.

Speaker

MARIA RUTIGLIANO

15:40–16:10

Rotational and vibrational temperatures of Hydrogen nonequilibrium plasmas from Fulcher band emission spectra

Speaker

Domenico BRUNO

16:10–16:30

Development and Commissioning of a Hydrogen Ion Source for the CERN ALPHA Experiment

Speaker

Mark Andrew JOHNSON

16:40