

Session Program

2-7 Oct 2022



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

Oral session 3

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

Monday 3 October

14:40

Oral session 3

Session |

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

14:40–15:10

Ultra-low work function of caesiated surfaces and impact of specific hydrogen plasma species

Speaker

Adrian HEILER

15:10–15:30

Effect due to Cs injection upon the beam current oscillation extracted from the J-PARC negative hydrogen ion source

Speaker

Prof. Motoi WADA

15:30–15:50

Mach probe diagnostic for determining positive ion fluxes in H^+ ion sources

Speaker

Mr Vinzenz WOLF

15:50–16:20

Photoelectric current measurement of plasma grid materials for a compact H^- ion source

Speaker

Ms Mayuko NISHIWAKI

16:20–16:40

Exploring Cesium and H^- beam properties internal to the LANSCE H^- Ion Source using Resonant Absorption Spectroscopy and Cavity Ring Down Spectroscopy

Speaker

Dr David KLEINJAN

16:40