Session Program

Apr 16 – 18, 2024

Workshop: Hydrogen Analysis by Atom Probe Tomography

Hydrogen charging via unconventional methods

Max-Planck-Institut für Eisenforschung GmbH, Room 203 (large seminar room)
Max-Planck-Str. 1 40237 Düsseldorf

Wed, April 17

11:30 AM

Hydrogen charging via unconventional methods

Session |

Location: Max-Planck-Institut für Eisenforschung GmbH, Room 203 (large seminar room), Max-Planck-Str. 1 40237 Düsseldorf

11:30 – 11:50 AM **APT of Deuterium in tungsten for fusion applications**

Speaker

Hazel Gardner

11:50 AM – 12:10 PM

In-situ Hydrogen Implantation in Atom Probe Tomography and Investigation of Hydrogen Embrittlement

Speaker

Mr Jean-Baptiste Maillet

12:10 – 12:30 PM **Gas exposure devices for atom probe experiments**

Speaker

Benedict Ott

12:30 PM

3:15 PM

Hydrogen charging via unconventional methods

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3:15 – 3:35 PM

Gas phase deuterium charging of polymer nanocomposites for APT analysis

Speaker

James Douglas

3:35 – 3:55 PM

Interaction of Hydrogen/ Deuterium with defects in Dual Phase Steels

Speaker

Dr Aparna Saksena

3:55 PM