Session Program

Apr 16 – 18, 2024

Workshop: Hydrogen Analysis by Atom Probe Tomography

Background and instrumentation

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

Tue, April 16

11:50 AM

Background and instrumentation

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11:50 AM – 12:10 PM

Background knowledge about hydrogen behaviour in the context of field ion emitters

Speaker
Richard G. Forbes

12:10 – 12:30 PM

Experimental approaches to maximise accurate APT hydrogen-quantification in metallurgical materials

Speaker
Paul A. J. Bagot

12:30 PM

Wed, April 17

9:45 AM

Background and instrumentation

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9:45 – 10:05 AM **Pulsed laser experiments in an ultra-low H atom probe**

Speaker
Peter Felfer

10:05 – 10:25 AM

Exploring measurement parameters and modes of the newest generation of LEAP instruments for quantification of hydrogen

Speaker
Severin Jakob

10:25 AM