



Seminar/Talk

An introduction to atom probe tomography

Dr. Baptiste Gault

Max-Planck-Institut für Eisenforschung GmbH

Host: Maria Ibáñez

Atom probe tomography is a burgeoning microscopy and microanalysis technique allowing for compositional mapping of solid materials with sub-nanometre resolution and sensitivity in the range of tens of parts-per-million across all elements. In this seminar, I will go back to the basics of the technique, and discuss its performance limits, and will introduce the latest developments of the technique involving the use of cryogenic specimen preparation and transfer to broaden the field of application to e.g. frozen liquid and liquid-solid interfaces. I will also showcase its application in energy materials research. Join

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Thursday, May 4, 2023 02:00pm - 03:00pm

Online via Zoom:

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