



APT workshop's program

| Time | presentation title | Speakers |
|-------------|--|--|
| 9:00-9:15 | Welcome & introduction | F. De Geuser A. Grenier |
| 9:15-9:35 | Contribution of atom probe tomography to the study of precipitation nanostructures in metallic alloys | A. Deschamps-SIMaP |
| 9:35-9:55 | Investigation of doping in III-nitrides by atom probe tomography combined with EDX spectroscopy and electron holography | C. Bougerol-Institut Néel |
| 9:55-10:15 | APT for understanding phase transformations in steel | H. Van Landeghem-SIMaP |
| 10:15-10:45 | Break | |
| 10:45-11:05 | Apport de la sonde atomique aux matériaux pour l'énergie | C. Flament-CEA LITEN |
| 11:05-11:25 | From atoms to cracks in additively manufactured Ni-based superalloys | G. Martin- SIMaP |
| 11:25-11:45 | To be defined | P.H. Jouneau-CEA IRIG |
| 11:45-13:30 | Break | |
| 13:30-14:00 | Enabling cryo-atom probe tomography | B. Gault-MPI Düsseldorf |
| 14:00-14:20 | APT and SAXS : interplay between real space and reciprocal space | F. De Geuser-SIMaP |
| 14:20-14:40 | Correlative multi-spectroscopic and microscopic investigations of semiconductor devices | A. Grenier-CEA LETI |
| 14:40-15:00 | Break | |
| 15:00-15:20 | An alternative method for the measurement of precipitate volume fractions in microalloyed steels by the means of atom probe tomography | S. Cazottes-MATEIS |
| 15:20-15:40 | Atom probe tomography for Geoscience: towards nanogeochronology | A. M. Seydoux-Guillaume - Laboratoire de Géologie de Lyon |
| 15:40-16:00 | Discussion-closing remarks | |

An opportunity to learn about the possibilities of this instrument in a wide scope of research topics with speakers from both SIMaP and CEA-LETI, as well as from partner laboratories from the Auvergne-Rhône-Alpes region.

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