

Title In-situ TEM and APT studies of lithiation of a manganese oxide spinel

Speaker Prof. Cynthia A. Volkert
Institute for Materials Physics, University of Göttingen,
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Title In situ TEM and X-ray spectroscopy studies of perovskite electro-catalysts for water oxidation

Speaker Prof. Christian Jooss
Institute for Materials Physics, University of Göttingen,
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Title Overview of Göttingen research on energy conversion at interfaces
Speakers Prof. Cynthia A. Volkert, Prof. Christian Jooss

Date & Time Tuesday, January 9, 2018 1:30 p.m.-3:00 p.m.
Place I²CNER Hall, Ito campus, Kyushu University

About the Speaker

Prof. Cynthia A. Volkert studied physics at McGill University in Montreal, Canada and performed her Ph.D. at Harvard University in Cambridge, Massachusetts. She then spent 10 years working at Bell Labs in New Jersey before moving to Germany. Cynthia went first to the Max-Planck-Institute for Metals Research in Stuttgart and then to the Karlsruhe Institute of Technology where she studied mechanical behaviour, atomic transport, and phase transformations in metal films and nanoscale structures, primarily using in-situ methods. She joined the University of Göttingen as a professor in 2007, where she continues her research in nanoscale materials and in-situ electron microscopy.

Prof. Christian Jooss was born 1967 in Stuttgart. He performed his PhD at the Max-Planck-Institute of Metals Research, Stuttgart in the field of High-Temperature Superconductors. In 1998, he started a research group on oxide thin films at the Institute of Materials Physics, University of Göttingen, where he received his habilitation 2002. In 2006, he moved to Brookhaven National Laboratory, where he turned his attention to in-situ Transmission Electron Microscopy. He obtained a professor position at University of Göttingen in 2008.

Host: Professor Miho Yamauchi

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