Workshop for graduate students

Functional nanostructures applied in energy storage and energy conversion systems

July 6 and 7, 2010
Karlsruhe, Kongresszentrum

Tuesday July 6: Energy Storage Systems

13:30 - 15:00 Lithium-Ion Batteries: From Materials to Applications
Dr. Kai-Christian Möller, Fraunhofer-Institut für Silicatforschung (ISC), Würzburg

15:00 - 16:00 Poster presentation (CFN research area F: “Nano-Energy”) and coffee break

16:00 - 17:30 Interface Effects in Li-Ion Batteries
Prof. Dr. Wolfram Jaegermann, Technische Universität Darmstadt

17:30 - 18:00 Discussion

Wednesday July 7: Energy Conversion Systems

08:30 - 09:30 Mixed Ionic-Electronic Conductors for Cathodes
Dr. Frank Tietz, Forschungszentrum Jülich

09:30 - 10:30 Poster presentation (CFN research area F: “Nano-Energy”) and coffee break

10:30 - 11:30 Thin Film Technology for Nanoscaled Cathodes
Dieter Sporn, Fraunhofer-Institut für Silicatforschung (ISC), Würzburg

11:30 - 12:30 Electron Microscopy and Electron Spectroscopy of Nanoscaled SOFC Cathodes
Prof. Dr. Dagmar Gerthsen, Karlsruher Institut für Technologie

12:30 - 13:00 Discussion

Workshop organized by

DFG-Center for Functional Nanostructures (CFN), research area F (Nano-Energy): Prof. Dr.-Ing. E. Ivers-Tiffée and Prof. Dr.-Ing. H. Hahn

The Workshop is part of the 1st International Conference on Materials for Energy, organized by DEHEMA. Attendance of the workshop is free for registered participants of the conference and for graduate students working on projects financed by the CFN.

To register for the workshop, please visit http://www.iwe.kit.edu/english/3089.php.