

Joint Symposium of the DFG Research Units FOR 1497, 1713, and 1154

Friday, 19th of April 2013

Place: Reichenhainer Str. 70, New Lecture Hall Building, Room: N012



CHEMNITZ UNIVERSITY OF
TECHNOLOGY



- 9:00 **Welcome Addresses:** Rector Prof. Dr. Arnold van Zyl; Dean of the Faculty of Natural Sciences
- 9:30 **“Organic-Inorganic Nanocomposites via Twin Polymerization”**
Stefan Spange (Institute of Chemistry, Chemnitz University of Technology)
- 10:00 **“Surface Twin Polymerization”**
Thomas Ebert (Institute of Chemistry, Chemnitz University of Technology)
- “Twin Polymerization - Theory and Experiment for selected examples”**
Philipp Kitschke (Institute of Chemistry, Chemnitz University of Technology)
- 10:30 **“Generations of smart integrated systems - overview and novel examples”**
Thomas Geßner (Center for Microtechnologies Chemnitz, Fraunhofer ENAS)
- 11:00 **“Probing Material Properties at the Nanoscale by Tip-Enhanced Raman Spectroscopy and Related Techniques”**
Raul Rodriguez (Semiconductor Physics, Chemnitz University of Technology)
- “CNT-based sensor structures with a wafer scale technology”**
Sascha Hermann (Center for Microtechnologies, Chemnitz University of Technology)
- 11:30 **“Towards Molecular Spintronics”**
Georgeta Salvan (Semiconductor Physics, Chemnitz University of Technology)
- 12:00 **“Manipulating the electronic states of MnPc by means of oxidation and potassium doping”**
Francisc Haidu (Semiconductor Physics, Chemnitz University of Technology)
- “Rolled-up electronic devices”**
Daniel Grimm (Materials for Nanoelectronics, Chemnitz University of Technology)
- 12:30 **“Nanomembrane science and technologies”**
Oliver Schmidt (Materials for Nanoelectronics, Chemnitz University of Technology and IFW Dresden)
- 13:15 Lunch and Poster Session in New Physics Building
- 15:00 **“Συμπόσιον”** in New Physics Building
"20 Years of Semiconductor Physics in Chemnitz"