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**Annual Meeting and Status Seminar FOR2857  
Fall School “Halogen Semiconductors”  
BuildMoNa Module “Complex Nanostructures:  
Halide-based Functional Materials”**

**Thursday, 30 September and Friday, 1 October 2021**

Steigenberger Hotel de Saxe  
Neumarkt 9, 01067 Dresden, Germany

## Agenda

### Wednesday, 29 September 2021

19:00 Dinner for invited speakers (Restaurant “Moritz”)

### Thursday, 30 September 2021

- 9:00 Prof. Dr. Marius Grundmann  
Universität Leipzig, Germany  
*Opening*
- 9:15 Prof. Dr. Hideo Hosono (online)  
Tokyo Institute of Technology, Yokohama, Japan  
*Progress in Iodine-based phosphors and p-type semiconductors*
- 10:00 Prof. Dr. Silvana Botti (online)  
Friedrich-Schiller-Universität Jena, Germany  
*Understanding and optimizing the electronic properties of CuI p-type transparent semiconductors*
- 10:45 *Coffee break (Foyer)*
- 11:15 Dr. Masao Nakamura (online)  
RIKEN Center for Emergent Matter Science (CEMS), Wako, Japan  
*Molecular beam epitaxy of single-crystalline iodide films toward the development of halide electronics*





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- 12:00 Dr. Andrea Crovetto  
Helmholtz-Zentrum Berlin für Materialien und Energie, Germany  
*From moisture sensitivity of CuI to new research directions for p-type transparent conductors*
- 12:45 *Lunch (Restaurant “de Saxe”)*
- 14:00 Prof. Dr. Chang Yang (online)  
East China Normal University, Shanghai, China  
*Progress in anion-doping of copper iodide thin films*
- 14:45 Dr. Thomas Unold  
Helmholtz-Zentrum Berlin für Materialien und Energie, Germany  
*Halide perovskites: from structure to electronic properties, to devices*
- 15:30 *Coffee break (Foyer)*
- 16:00 Dr. Tomasz Mazur  
AGH University of Science and Technology, Kraków, Poland  
*Halogen semiconductors in neuromorphic information processing*
- 17:30 Guided walking tour (approx. 1h, meeting point Martin Luther Statue, Neumarkt)
- 19:00 Dinner (Restaurant “Förster’s”)

### Friday, 1 October 2021

- 9:00 Prof. Dr. Michael Lorenz, Philipp Storm, P01  
Universität Leipzig  
Semiconductor Physics Group
- 9:30 Dr. Susanne Selle, P01  
Fraunhofer Institute for Microstructure of Materials  
and Systems IMWS Halle
- 10:00 Prof. Dr. Harald Krautscheid, P02  
Universität Leipzig  
Institute of Inorganic Chemistry
- 10:30 *Coffee break (Foyer)*



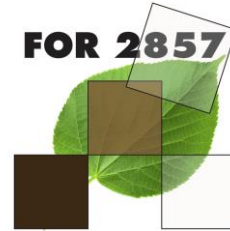


- 11:00 Prof. Dr. Marius Grundmann, Tillmann Stralka, Dr. Sofie Vogt P03  
Universität Leipzig  
Semiconductor Physics Group
- 11:30 Prof. Dr. Silvana Botti, Michael Seifert, P04  
Friedrich-Schiller-Universität Jena  
Institute of Condensed Matter Theory and Optics
- 12:00 Dr. habil. Holger von Wenckstern, Michael S. Bar, P05  
Universität Leipzig  
Semiconductor Physics Group
- 12:30 *Lunch (Restaurant "de Saxe")*
- 14:00 Dr. Chris Sturm, Andreas Müller, P06  
Universität Leipzig  
Semiconductor Physics Group
- 14:30 Prof. Dr. Claudia S. Schnohr, P07  
Universität Leipzig  
Structure and Properties of Complex Solids Group
- 15:00 Prof. Dr. Marius Grundmann  
Universität Leipzig, Germany  
*Closing*
- 15:05 *Coffee break (Foyer)*
- 15:30 **Proposals for new projects (internal meeting)**
- 15:30 Introduction Prof. Dr. Marius Grundmann
- 15:40 Prof. Dr. Michael Lorenz, Dr. Susanne Selle, P01
- 15:50 Prof. Dr. Harald Krautscheid, P02
- 16:00 Dr. Sofie Vogt, P03
- 16:10 Prof. Dr. Silvana Botti, P04
- 16:20 Dr. Tomáš Rauch, P08
- 16:30 Dr. habil. Holger von Wenckstern, P05





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- 16:40 Dr. Chris Sturm, P06
- 16:50 Prof. Dr. Claudia S. Schnohr, P07
- 17:00 Discussion
- 18:00 Prospective end of internal meeting

