

20 + 80 Workshop

November 07, 2018

Karlsruhe Institute of Technology (KIT) · Campus North

INSTITUTE OF NANOTECHNOLOGY (INT)





2018 Workshop

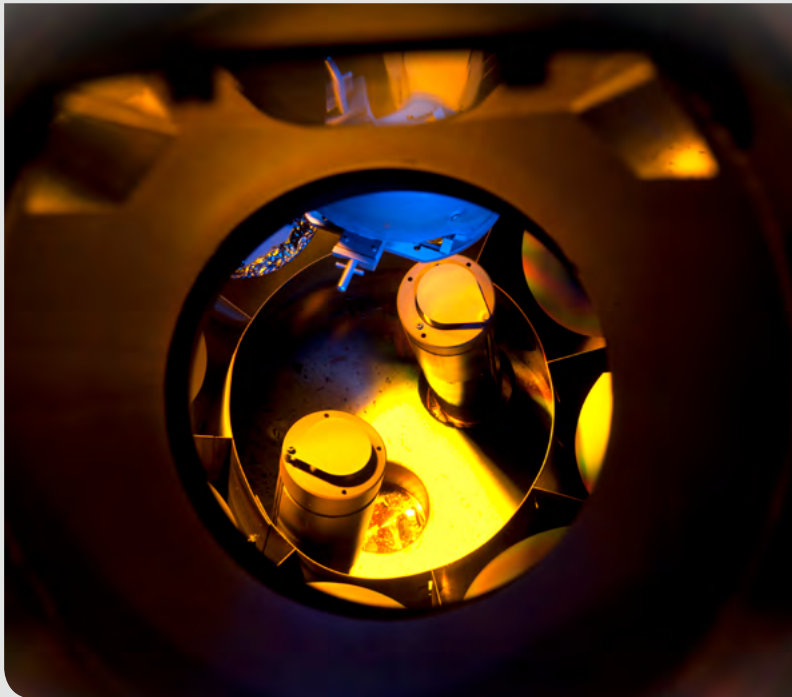
November 07
2018



20 + 80 year celebration

Programme | November 07, 2018

- 12:00 – 13:30** **Registration and lunch**
Casino, Bldg. 211
- 13:30 – 14:00** **Opening of workshop: past and future of INT**
Prof. Dr. Oliver Kraft, Vice President Research
Prof. Dr. Horst Hahn, Executive Director of Institute of Nanotechnology
FTU Aula
- 14:00 – 14:30** **Nanomaterials for energy storage – coming of age at the INT**
Prof. Dr. Maximilian Fichtner, Helmholtz Institute Ulm for Electrochemical Energy Storage and University of Ulm
- 14:30 – 15:00** **Electric control of mechanical behavior in hybrid nanomaterials**
Prof. Dr. Jörg Weißmüller, Hamburg University of Technology and Helmholtz Zentrum Geesthacht
- 15:00 – 15:30** **Transport phenomena in molecular-scale systems: insights from ab-initio and model simulations**
Prof. Dr. Ferdinand Evers, University of Regensburg
- 15:30 – 16:00** **Coffee break**
- 16:00 – 16:30** **From disilan-based ligands to carben-stabilized rings and cages – useful and beautiful molecules in main group element chemistry**
Prof. Dr. Carsten von Hänisch, University of Marburg
FTU Aula
- 16:30 – 17:00** **Towards brain-inspired photonic computing**
Prof. Dr. Wolfram Pernice, University of Münster
- 17:00 – 17:30** **Tailoring light-matter interactions with Mie-resonant dielectric metasurfaces**
Prof. Dr. Isabelle Staude, University of Jena
- 17:30 – 18:00** **Photon-atom reactions in non-linear optical organic micro-cavities**
Prof. Dr. Rajadurai Chandrasekar, University of Hyderabad
- 18:00 – 18:15** **Opening of Center for Single-Atom Technologies**
Prof. Dr. Thomas Schimmel, Karlsruhe Institute of Technology
- 18:15 – 18:45** **Closing remarks**
Prof. Dr. Herbert Gleiter, Prof. Dr. Manfred Popp, Prof. Dr. Martin Wegener
- 18:45 – 19:00** **Transfer**
- 19:00 – 22:00** **Reception and dinner**
Casino, Bldg. 211
- 20:00 – 20:45** **After dinner speech**
Prof. Dr. Luisa de Cola, University of Strasbourg
- 19:00 – 22:00** **Guided tours of the laboratories at INT (Bldg. 640)**

**Contact**

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