20 + 80 Workshop
November 07, 2018
Karlsruhe Institute of Technology (KIT) · Campus North

INSTITUTE OF NANOTECHNOLOGY (INT)
20 + 80 Workshop

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Contact
Karlsruhe Institute of Technology (KIT)
Institute of Nanotechnology
Campus North
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldshafen, Germany
Phone: +49 721 608-26351
Fax: +49 721 608-26368
Email: organizer-20-80@int.kit.edu
www.int.kit.edu
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

13:30 – 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

14:00 – 14:30  
Electric control of mechanical behavior in hybrid nanomaterials  
Prof. Dr. Jörg Weißmüller, Hamburg University of Technology and Helmholtz Zentrum Geesthacht

14:30 – 15:00  
Transport phenomena in molecular-scale systems: insights from ab-initio and model simulations  
Prof. Dr. Ferdinand Evers, University of Regensburg

15:00 – 15:30  
Coffee break

15:30 – 16:00  
From disilan-based ligands to carben-stabilized rings and cages – useful and beautiful molecules in main group element chemistry  
Prof. Dr. Carsten von Hänsch, University of Marburg  
FTU Aula

16:00 – 16:30  
Towards brain-inspired photonic computing  
Prof. Dr. Wolfram Pernice, University of Münster

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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)