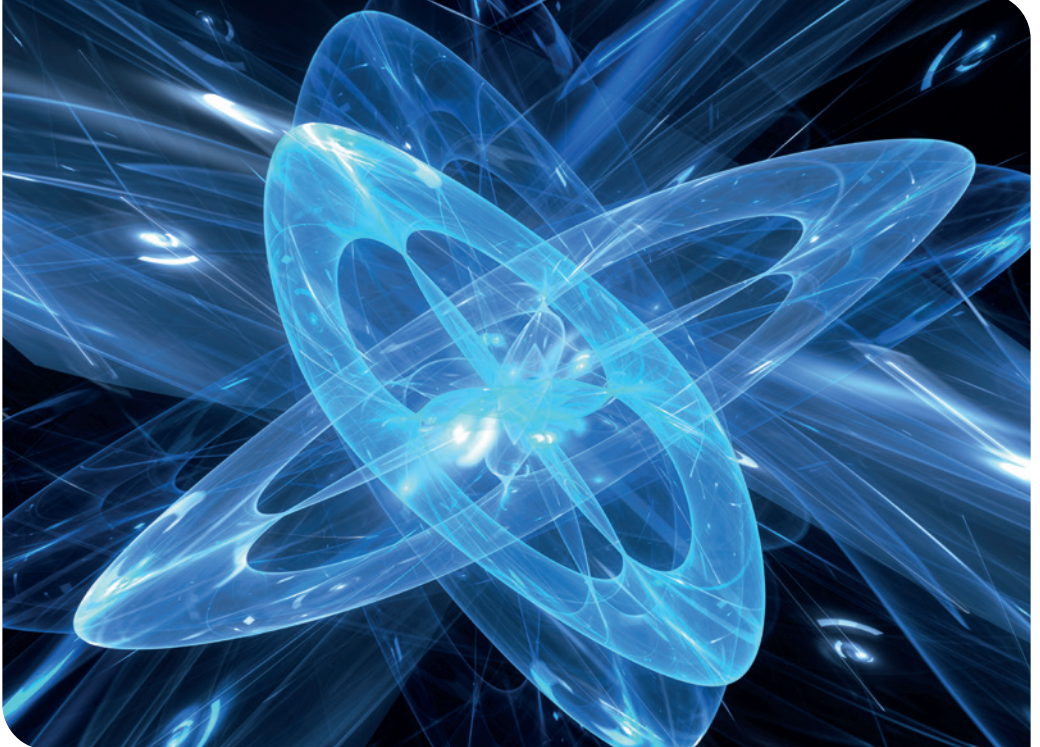


9th Karlsruhe Days of Optics & Photonics

November 16 - 17, 2023

PROGRAM



Thursday, 16.11.2023

Time	Program	Who
8:30 - 9:00	Arrival and Welcome Coffee	
9:00 - 9:15	Welcome and Introduction	Prof. Dr. Uli Lemmer Karlsruhe Institute of Technology (KIT) & Prof. Dr. Dorota Pawlak Łukasiewicz - ITME
9:15 - 9:45	Novel Materials for Photonics - Possibilities Provided by Crystal Growth	Prof. Dorota A. Pawlak ENSEMBLE3
9:45 - 10:15	ESA Lidars, Their Lasers, and the Need for New Emitting Wavelengths	Dr. Pol Ribes Pleguezuelo European Space Agency
10:15 - 10:45	Making NIR spectroscopy for everybody	Dr. Celal Mohan Ögün Trinamix GmbH
11:15 - 12:15	Poster Session	
12:15 - 1:00	Lunch Break	
Solar Energy		
1:00 - 2:00	Progress in Thermo-chromic Smart Windows	Prof. Dr. Yi Long Chinese University of Hong Kong
2:00 - 2:30	Insights into the Optoelectronic Properties of Perovskite Semiconductors and Opportunities and Challenges in Thermally Evaporating these Thin Films	Dr. Paul Faßl Karlsruhe Institute of Technology (KIT)
2:30 - 3:30	Poster Session & Coffee Break	
Photonic Materials & Devices		
3:30 - 4:30	Photonic Computing	Prof. Dr. Wolfram Pernice Heidelberg University
4:30 - 5:00	Laser Microprinting by Laser-Induced Crystallization	Prof. Dr. Martin Wegener Karlsruhe Institute of Technology (KIT)
5:00 - 5:15	Awarding Master Scholarships	Max Riedel ZEISS
from 5:15 on	Apéro	

Friday, 17.11.2023

Time	Program	Who
8:30 - 9:00	Arrival and Welcome Coffee	
Optical Systems		
9:00 - 10:00	Fiber from A to Z with Optical Access Networks	Dr. René Bonk Nokia Bell Labs
10:00 - 10:30	Cryogenic Hybrid Photonics for Optical Communications, Sensing and Quantum Applications	Dr. Artem Kuzmin Karlsruhe Institute of Technology (KIT)
10:30 - 10:45	Coffee Break	
Quantum Optics & Spectroscopy		
10:45 - 11:45	Uncovering the Unforeseen: A Scientific Expedition through Atoms and Photons	Prof. Dr. Arno Rauschenbeutel Humboldt-Universität zu Berlin
11:45 - 12:15	Coherent Light-Matter Interactions in Luminescent Lanthanide Complexes	Dr. Senthil Kuppusamy Karlsruhe Institute of Technology (KIT)
12:15 - 1:00	Lunch Break	
1:00 - 1:45	Poster Session & Coffee Break	
Biomedical Photonics		
1:45 - 2:45	Looking Deeper with Microscopy: New Methods for Imaging the Processes of Life	Dr. Robert Prevedel European Molecular Biology Laboratory
2:45 - 3:15	Advanced Fluorescence Microscopy for Bioimaging	Prof. Dr. Ulrich Nienhaus Karlsruhe Institute of Technology (KIT)
3:15 - 3:30	Farewell	Prof. Dr. Uli Lemmer Karlsruhe Institute of Technology (KIT)
from 3:45 on	Exclusive Program for Alumni	Ph.D. Alumni
3:45	Welcome	
4:30 - 5:45	Tour at FZI Research Center for Information Technology	
6:15	Dinner	

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and the Karlsruhe Institute of Technology (KIT).**



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for nanophotonics, advanced materials
and novel crystal growth-based technologies

Karlsruhe Days of Optics & Photonics

Location

International Department of the KIT
Hans-Werner Hektor Auditorium &
Josephine Hektor Auditorium
Schlossplatz 19
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