

Karlsruhe Days of Optics & Photonics (KDOP)

Save the Date!

program: two-day conference
plenary lectures • poster sessions • networking

target group: young + senior researchers,
R&D from industry, PhD students

Don't miss interesting lectures by e.g. Prof. Raquel Urtasun, Toyota Technological Institute at Chicago and Sir John Pendry, Imperial College London



For more information visit www.ksop.de

November 5 - 6, 2013
Karlsruhe Institute of Technology

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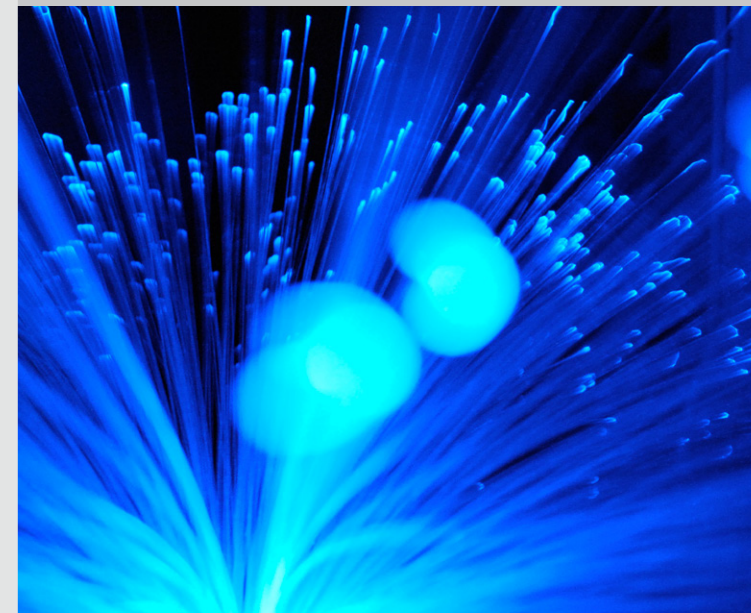
Denica Angelova, KSOP PhD Program Manager

KSOP
Karlsruhe School of Optics & Photonics


Karlsruher Institut für Technologie

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Erasmus Mundus Spring School
April 8-10, 2013



Program Details

Welcome

We are glad to welcome you at the Erasmus Mundus Spring School in Hohenwart! In the next three days, we have the opportunity to discuss new research approaches and share our contribution to the O&P community. We wish you an enjoyable stay, new ideas, and fruitful discussions.

Let's explore the fascinating world of Optics & Photonics together!

Speakers

KSOP Organisation Team



Uli Lemmer
KSOP, Karlsruhe Institute of Technology
Welcome



Sophie Brasselet
Institut Fresnel, Université Paul Cézanne Aix-Marseille
Polarized fluorescence and non-linear microscopy for functional biological imaging



Matteo Burresi
Institut Fresnel, Université Paul Cézanne Aix-Marseille
Engineered-disordered photonic systems



Marco Capitanio
LENS, Università degli Studi di Firenze
Bioimaging and optical tweezers



Thomas Durt
Institut Fresnel, Université Paul Cézanne Aix-Marseille
A pedestrian approach to decoherence & absorption in Quantum Electrodynamics Cavities (QED)



Laurent Gallais
Institut Fresnel, Université Paul Cézanne Aix-Marseille
Optical components design for high power and ultra-short lasers illumination



Spiros Mikroulis
Athens Information Technology
Monolithic and hybrid photonic integration platforms for application in optical and wireless communication systems



Santiago Royo
Universitat Politècnica de Catalunya
Self-mixing interferometry for biomedical applications



Thomas Zentgraf
Universität Paderborn
Plasmonics-enlightening the nanoscale



Artur Zrenner
Universität Paderborn
Coherent spectroscopy

Monday, April 8th

Time	Speaker	Talk
08:45 am - 09:00 am	Uli Lemmer	Welcome
09:00 am - 10:15 am	Matteo Burresi	Engineered-disordered photonic systems
10:15 am - 10:30 am		Coffee break
10:30 am - 11:45 am	Thomas Zentgraf	Plasmonics-enlightening the nanoscale
11:45 am - 12:30 pm		Lunch
12:30 pm - 03:30 pm		Hiking tour
PhD talks		
03:30 pm - 03:50 pm	Claudia Valdes	Cerebral blood flow evolution in MBL-KO mice after reperfusion following temporal ischemia
03:50 pm - 04:10 pm	Jean-Christophe Gomez-Lavocat	Light tunable micro and nanostructures
04:10 pm - 04:30 pm	Francesco Pastorelli	Thin film organic solar cells: nanostructuring for enhanced light harvesting
04:30 pm - 05:00 pm		Coffee break
05:00 pm - 06:15 pm	Artur Zrenner	Coherent spectroscopy
~ 06:30 pm		Dinner
PhD talks		
07:30 pm - 07:50 pm	Cesar Valades	Polarization resolved super-resolution microscopy
07:50 pm - 08:10 pm	Tieh-Ming Chang	Transformation optics: from lens to metamaterials
08:10 pm - 08:30 pm	Fatma Bioud	Probing high symmetry molecular orders using polarization-resolved four-wave mixing microscopy
8:30 pm - 8:50 pm	Nadia Formica	Ag/Al:ZnO Nano-thick bilayer transparent electrodes for photovoltaics

Tuesday, April 9th

Time	Speaker	Talk
09:00 am - 10:15 am	Spiros Mikroulis	Monolithic and hybrid photonic integration platforms for application in optical and wireless communication systems
10:15 am - 10:30 am		Coffee break
10:30 am - 11:45 am	Laurent Gallais	Optical components design for high power and ultra-short lasers illumination
12:00 pm - 02:00 pm		Lunch
02:00 pm - 04:00 pm		Poster session
04:00 pm - 05:15 pm	Santiago Royo	Self-mixing interferometry for biomedical applications
05:15 pm - 05:30 pm		Coffee break
05:30 pm - 06:45 pm	Thomas Durt	A pedestrian approach to decoherence and absorption in Quantum Electrodynamics Cavities (QED)
~ 07:00 pm		Dinner

Wednesday, April 10th

Time	Speaker	Talk
09:00 am - 10:15 am	Marco Capitanio	Bioimaging and optical tweezers
10:15 am - 10:30 am		Coffee break
10:30 am - 11:45 am	Sophie Brasselet	Polarized fluorescence and nonlinear microscopy for functional biological imaging
11:45 am - 12:00 pm	Sophie Brasselet/ Uli Lemmer	Farewell
12:00 pm - 12:30 pm		Lunch