



Thursday

Begin	Speaker	Affiliation	Title
10:00	S. Burger	ZIB	Opening
10:10	I. Staude	Uni Jena	Active, tunable and nonlinear resonant semiconductor metasurfaces (<i>invited</i>)
10:40	P. Lalanne	Inst. d'Optique	Rigorous modal analysis of electromagnetic resonators (<i>invited</i>)
11:10	M. Hammer	Uni Paderborn	Hybrid Coupled Mode Modelling in 3-D: Perturbed and Coupled Channels and Waveguide Crossings
11:25	T. Feichtner	JMU	Multiple Mode Matching for Optical Antennas
11:40	F. Binkowski	ZIB	Riesz projection based theory of light-matter interaction in dispersive nanoresonators
11:55	lunch break		<i>Mensa FU II, Otto-von-Simson-Str. 26, 14195 Berlin. Cash payment: 'Zuse Institute'. Reserved tables on rhs.</i>
13:45	T. Koprucki	WIAS	Numerical methods for drift-diffusion equations (<i>invited</i>)
14:15	F. Römer	Uni Kassel	Dopant ionization modeling in III-nitride light emitting diodes
14:30	S. Schmitt	HZB	Investigation of novel nanoresonator geometries for on-chip solid state lighting
14:45	C. Wolff	SDU	Material resonances and dispersion in periodic photonic systems (<i>invited</i>)
15:15	coffee break		<i>group photo outside</i>
15:45	H. Partner	Nat. Commun.	Inside the editorial process at Nature Communications
16:00	K. Busch	HUB	Atom-Surface Interaction: Theory and Computations (<i>invited</i>)
16:30	J. Defrance	Uni Stuttgart	Modeling of second-harmonic generation in the Fourier modal method with matched coordinates
16:45	H. Kleene	TU Dortmund	Efficient Electromagnetic Time Domain Simulation on the Basis of Faber Polynomial Expansions
17:00	coffee break		
17:30	T. Scharf	EPFL	Optics of liquid crystalline blue phases (<i>invited</i>)
18:00	O. Höhn	ISE	Photonic Structures for III-V//Si Multi Junction Solar Cells : Towards efficiencies exceeding 31%
18:15	S. Nanz	KIT	Tailoring Nanospheres to Optimize Rough Interfaces in Solar Cells
18:30	end of day 1		
19:00	joint dinner		<i>Restaurant 'Alter Krug', Königin-Luise-Straße 52, 14195 Berlin, Phone: +49 30 832 7000</i>



Friday

Begin	Speaker	Affiliation	Title
09:15	J. R. de Lasson	TICRA	Satellites and Space Missions: Large Electromagnetic Simulations and Novel Antenna Concepts (<i>invited</i>)
09:45	G. Larisch	TUB	Joint Optimization of Energy Efficiency and Bit Rate of Surface Emitting Lasers (<i>invited</i>)
10:15	V. Shchukin	VI Systems	Thermal Effects in Single-Mode VCSELs: Opposite Trends for Devices with Thin Oxide Aperture and with Thick Leakage-Assisting Aperture
10:30	coffee break		
11:00	D. Stojanovic	Uni Belgrade	Study of electromagnetic wave propagation through terahertz chiral metamaterials
11:15	M. Napiorkowski	Uni Wroclaw	Helical Microstructured Fibers
11:30	P. Gutsche	ZIB	Time-Harmonic Optical Chirality for Classification of Scatterers
11:45	lunch break <i>Mensa FU II, Otto-von-Simson-Str. 26, 14195 Berlin. Cash payment: 'Zuse Institute'. Reserved tables on rhs.</i>		
13:15	F. Wang	DTU	Topology optimization of photonic crystals (<i>invited</i>)
13:45	P. Kristensen	HUB	Geometry optimization of electromagnetic resonators using quasinormal modes
14:00	P. Schneider	JCMwave	Comparison of different optimization algorithms for improving a single-photon source
14:15	coffee break		
14:45	M. Dems	Lodz Univ. of Tech.	Optimization of semiconductor Bragg mirrors with genetic algorithms
15:00	T. Rasmussen	DTU	Theoretical and numerical modelling of the photonic crystal Fano laser
15:15	J. Bischoff	TU Illmenau	Model based laser focus sensor
15:30	end of day 2		