



Thursday

Begin	Speaker	Institute	Title
10:00	Schmidt	ZIB	Opening
10:10	Reitzenstein	TUB	Deterministic Single Photon Sources for Quantum Communication: Modelling, Nanofabrication and Quantum Optical Characterization
10:50	Eisert	FU	Quantum photonic devices and their certification
11:30	Rockstuhl	KIT	Simulation of quantum-plasmonic systems
12:10	lunch break		
13:40	Kewes	HUB	Integrated plasmonic waveguide structures for quantum plasmonics
14:00	Zelinsky	ZIB	Plasmon Enhancement of Energy and Charge transfer in Nano-Hybrid Systems
14:20	Feichtner	HZB	Evolutionary optimization of plasmonic geometries
14:40	Gutsche	ZIB	Nano-optical simulations from a chiral point of view
15:00	coffee break		
15:40	van de Krol	HZB	tba
16:20	Kramer	ZIB	Modeling and probing the quantum dynamics of photosynthesis with multi-pulse spectroscopy
16:40	Matera	FU	Impact of nano-scale field heterogeneities on photo-catalytic activity
17:00	coffee break		
17:40	Paganini	ETH	Shape optimization by pursuing diffeomorphisms
18:00	Evans	TUB	Geometry and topology in biomaterials with a view to photonics
18:20	Kantner	WIAS	Multi-scale modeling and numerical simulation of single-photon emitters
18:40	joint dinner		



We would like to thank JCMwave for sponsoring drinks and refreshments served during coffee breaks.



Friday

Begin	Speaker	Institute	Title
09:00	Dahlem	Masdar	Silicon-based nanophotonic devices for electronic-photonic integrated circuits
09:40	Vismara	TU Delft	3-D optical modelling of CIGS solar cells
10:00	Jäger	HZB	Numerical study on efficient coupling of light into silicon with sinusoidal gratings
10:20	coffee break		
10:50	Musial	TUB	Circular Bragg grating cavity design for efficient sources of single photons fabricated within a deterministic technology platform
11:10	Kristensen	HUB	Theory of coupled modes in optical cavity-waveguide structures
11:25	Bender	HUB	Topology optimization of leaky optical cavities and plasmonic resonators
11:40	Foerster	OVGU	Computer-aided cluster expansion: An efficient approach for open quantum many-particle systems
12:00	lunch break		
13:20	Kleemann	Zeiss	Electromagnetic simulation of a real Head-Up Display consisting of embedded gratings
13:40	Grothe	TUB	Modeling the diffraction of holographic micro-gratings for data storage
14:00	Kuen	TUB	Challenges of Time Domain Simulation for cylindrical Cavities with the Finite Integration Technique
14:20	Döpking	FU	Error-aware analysis of multi-scale reactivity models for photochemical surface reactions
14:40	coffee break		
15:10	Liero	WIAS	OLEDs - a hot matter? Electrothermal modeling of OLEDs
15:30	Greiner	Philips	Characterization of Internal Scattering Interfaces for (OLED) light extraction by means of BSDFs
15:50	Blümich	Sentech	Spectroscopic Ellipsometry on non-ideal Surfaces and Samples
16:10	coffee break		
16:40	Peschka	WIAS	Towards the optimization of on-chip germanium lasers
17:00	Doan	WIAS	Numerical methods in non-Boltzmann regimes