

Mon	ER164	ER270	EW015	EW201	EW202	EW203	H0105	HE101	H 2032	H 3005	A 053									
08:30	Plenary Talk: Hermann Gaub											08:30								
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09:15												09:15								
09:30	Organic-inorganic perovskite semiconductors	Graphene: THz, NIR and transport properties		Focus Session: Functional semiconductor nanowires I	Photovoltaics: CIGS and related compounds	Quantum dots: Optical properties	SYDW Domain wall functionality and engineering in complex oxides (DF with DS/KR/MA/MI/TT)	Colloquium of SKM Dissertation-Prize	Organic electronics and photovoltaics (with DS)	Transport: Quantum coherence and quantum information systems - Theory (with TT)	Transport: Spintronics and magnetotransport (with TT)	09:30								
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11:00				Coffee break								11:00								
11:15	Photovoltaics: Kesterite and less widely used materials	Transition-metal dichalcogenides and boron nitride		Focus Session: Functional semiconductor nanowires I (ctd)		Quantum dots: Optical properties (ctd.)						11:15								
11:30			Coffee break									11:30								
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13:15	Prize Talks: Robert Moshhammer & Reinhard Dörner / Ilaria Zardo							HE101:	Reinhardt Schuhmann: Inside PRL			13:15								
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14:00	Plenary Talks: Jürgen Renn / Harald Giessen											14:00								
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14:45							HSZ 02			H 0110	A 053	14:45								
15:00	Graphene: mostly Theory			Focus Session: Functional semiconductor nanowires II	Organic photovoltaics and electronics - mostly cell design	Invited Talk: Fritz Henneberger	SYOP On-surface polymerization (CPP with HL/MI/O)	Transport: Quantum coherence and quantum information systems - Experiments (with TT)	Transport: Topological insulators 1 (with TT)			15:00								
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16:45				Coffee break								16:45								
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17:15	Poster Sessions in Area B (3. level)				Focus Session: Functional semiconductor nanowires II (ctd)	Organic photovoltaics and electronics - mostly properties of the absorber	HE 101					17:15								
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19:00	Oxide semiconductors; II-VI and group IV semiconductors; Nanotubes and Buckyballs						General Meeting of DPG					19:00								
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20:00				Einstein Slam (Urania)											20:00					

Tue	ER164	ER270	EW201	EW202	EW203	H0105	H 2032	C130	H 3005	A 053	MA 041	MA 004				
08:30	Plenary Talk: Oliver Gutfleisch												08:30			
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09:15													09:15			
09:30	Invited Talk: Salvatore Savasta	Spintronics: Excitons and local spins		Thermoelectricity	Quantum dots: Microcavities and microlaser	SYNP Neurophysics: Physical approaches to deciphering neuronal information processing (BP with DY/HL/MA)	Doped Si nanostructures (with DS)	Organic electronics and photovoltaics: Transport of charges - from molecules to devices (with CPP)	Transport: Topological insulators 2 (with TT)	Transport: Graphene (with TT)	Graphene: Growth & intercalation (with O)	Frontiers of electronic structure theory: Nuclear Dynamics, Methods	09:30			
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10:30	Photovoltaics: Nanostructured materials		Invited Talk: Axel Hoffmann										10:30			
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11:30				Coffee break									11:30			
11:45			Nitrides: Dots, rods, and structures	Thermoelectricity (<i>ctd.</i>)	Semiconductor laser								11:45			
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13:15	Plenary Talk: Stefan Hell												13:15			
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14:00	Prize Talk: Andreas Snyder			Symposium SFLY: Frontiers of Light	Poster Session in Area F (Tent) Topological insulators; Graphene; Spintronics and spin physics; Quantum information science			C 130	H 0110			MA 004	14:00			
14:15	Prize Talk: Frank Pollmann							Organic electronics and photovoltaics: OPV 1 (with CPP)	Transport: Topological insulators 3 (with TT)							14:15
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15:15	Cosima Schuster, Michael Mössle: German Science Foundation												15:15			
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16:15	Plenary Session with Prize Ceremony and Talk by Hermann Haken												16:15			
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18:30													18:30			

Wed	ER164	ER270	EW015	EW201	EW202	EW203	H0105	C 130	MA 041	MA 004	
08:30	Plenary Talk: David Awschalom										08:30
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09:15											09:15
09:30	Focus Session: Role of polarization fields in nitride devices I	Topological insulators: Theory	Devices		Ultra-fast phenomena	Quantum dots: Preparation and characterization	SYPS Physics of sustainability and human-hature interactions (SOE with DY/AGjDPG)	Organic electronics and photovoltaics: OPV II (CPP with HL)	Graphene: Dynamics (with O)	Frontiers of Electronic Structure Theory: Organics and Materials	09:30
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10:15			10:15								
10:30			Coffee break								10:30
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11:00		Devices (ctd.)	Focus session: Nanophotonic concepts and materials I	Quantum information systems: mostly concepts	Coffee break	11:00					
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12:15	Topological insulators: Transport				12:15						
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13:15	Prize Talk: Andrea Cavalleri				Michael Dubson: Massive Open Online Courses						13:15
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14:00	Plenary Talks: Mark Asta / Dominik Schwarz										14:00
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14:45							HSZ 02			MA 004	14:45
15:00	Focus Session: Role of polarization fields in nitride devices li	Topological insulators: Structure and electronic structure	Photonic crystals	Focus session: Nanophotonic concepts and materials II		Quantum dots: Interaction with environment	SYHM Higgs modes in condensed matter and quantum gases (TT with DY/MA/O)			Frontiers of Electronic Structure Theory: Optical Excitations	15:00
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16:15		Optical properties of bulk semiconductors	OFETs, OLEDs, and organic optoelectronics	Quantum dots: Transport	16:15						
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17:30	Graphene: Applications, luminescence and spin relaxation	Poster Session in Area F (Tent)			17:30						
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18:45	Organic-inorganic perovskite semiconductors; Organic photovoltaics and electronics; Photovoltaics; Energy science; New materials and concepts										18:45
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20:00	Public Talk at the Urania: Theo Geisel										20:00

Thu	ER164	EW015	EW201	EW202	EW203	H0105	H 2032	C 130	EB 202	A 053	H 3010	EB 407	MA 041	MA 004															
08:30	Plenary Talk: Ingrid Mertig														08:30														
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09:15															09:15														
09:30	Invited Talk: Rolf Haug	Group IV elements and compounds	New concepts and new materials	Focus Session: Optical interconnects - Materials, devices, and integration	Quantum wires	SYMM Magic MAX Phases: Self-healing, Magnetism and the Next Best Graphene (MA with DS/HL/MM/TT)	Focus Session (DS with HL): Oxide semiconductors I	Focus Session (CPP with HL): Hybrid photovoltaics and perovskites I	Topological insulators 1 (with MA)	Transport: Quantum dots, quantum wires, point contacts 1 (with TT)	Low-dimensional systems: Molecular conductors (with TT)	GHz Dielectrics: Materials for mobile communication I (with DF)	Graphene: Structure (with O)	Frontiers of Electronic Structure Theory: 2D TMDC and excitonic	09:30														
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10:00	Spintronics: Mobile electrons and holes															Coffee break											10:00		
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10:30		Carbon nanotubes		Focus Session: Optical interconnects - Materials, devices, and integration (ctd.)											10:30														
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11:00	Coffee break																11:00												
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11:30	Spintronics: Mobile electrons and holes (ctd.)														11:30														
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12:30	Invited Talk: Mariusz Ciorga														12:30														
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13:15	Prize Talks: Viatcheslav Mukhanov / Maik Schönfeld / Michael Totzeck														13:15														
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14:00	Plenary Talks: Tony Heinz / Simon Levy														14:00														
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14:45						HSZ 02	H 2032	C 130	EB 202	A 053	H 3010	EB 407	Ma 041	H 0111	MA 004	14:45													
15:00	Quantum information systems: Si vacancies and NV centers (with TT)	Challenges in semiconductor theory	Heterostructures and interfaces	Invited Talk: Dan Buca	III-V semiconductors (other than nitrides)	SYGP Geometric Paradigms in Modern Physics (GR with GP/MP/TT/AGPhil)	Focus Session (DS with HL): Oxide semiconductors II	Focus Session (CPP with HL): Hybrid photovoltaics and perovskites II	Topological insulators 2 (with MA)	Transport: Quantum dots, quantum wires, point contacts 2 (TT with HL)	Low-dimensional systems: Topological order 2 (with TT)	GHz Dielectrics: Materials for mobile communication II (with DF)	Graphene: Electronic structure (with O)	Phase change / resistive switching (with DS)	Frontiers of Electronic Structure Theory: Many-body effects, methods	15:00													
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17:30			Heterostructures and interfaces (ctd.)												17:30														
17:45	EW 015	H 0105													17:45														
18:00	Meeting FV Halbleiterphysik	Lise Meitner - Lecture Cornelia Denz	Poster Sessions in Area B (3. level)												18:00														
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19:00			Laser; Devices; Heterostructures; Surfaces, interfaces and defects												19:00														
19:15			Quantum dots and wires: Prepration, characterization, optical properties, and transport												19:15														
19:30			III-V Semiconductors incl. Nitrides												19:30														
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Fri	ER164	EW015	EW201	EW202	EW203	H0105	C 130	EB 202	H 0110	H 0104	MA 041		
08:30	Plenary Talk: Michael Graetzel											08:30	
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09:30	Quantum dots and wires: Pillars and cavities		Nitrides: Bulk material, films, surfaces and quantum wells	Invited Talk: W. Wegscheider	ZnO and its relatives	SYME Frontiers of electronic structure theory (HL with CPP/MMO/TT)	Organic Electronics and photovoltaics: Devices (CPP)	Spintronics incl. quantum dynamics (MA with HL/TT)	Transport: Molecular electronics (TT)	Transport: Majorana fermions (TT with HL)	Graphene: Intercalation (with O)	09:30	
09:45													09:45
10:00				Transport, magnetotransport and quantum Hall physics								10:00	
10:15				Coffee break	Coffee break							10:15	
10:30			Microcavities, polaritons and condensates									10:30	
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11:15	Quantum dots and wires: Quantum communication and quantum information science		<i>Nitrides: Bulk material, films, surfaces and quantum wells (ctd.)</i>	Coffee break	<i>ZnO and its relatives (ctd.)</i>							11:15	
11:30		Coffee break					11:30						
11:45				<i>Transport, magnetotransport and quantum Hall physics (ctd.)</i>								11:45	
12:00			<i>Microcavities, polaritons and condensates (ctd.)</i>										12:00
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