

Program Schedule



Wednesday, June 27th

12:00	Opening of On-Site Registration <i>Coffee, tea and soft drinks in the Entrance Hall</i>	
	Welcome	Lecture Hall
14:00	Walter Metzner	Managing Director of the MPI for Solid State Research
	Klaus von Klitzing	Honorable Chairman of the Symposium
	Session 1	Chair: Klaus von Klitzing
14:35	Martin J.T. Milton	The re-definition of the base units of the SI: using the rules of nature to create the rules of measurement
15:10	Joachim Ullrich	The International System of Units: From the French Revolution to the Quantum SI
15:45	<i>Coffee Break in Entrance Hall</i>	
	Session 2	Chair: Klaus von Klitzing
16:15	Barry Wood	The Quantum Hall Effect -The Key to SI Redefinition
16:50	Jan-Theodoor Janssen	A new era for the SI and the quantum Hall effect
17:25	Nobu-Hisa Kaneko	Development of 1 M Ω quantum Hall array and error modelling of wire and contact resistances
18:00	Poster Session in the Poster Hall with finger food	
20:00	<i>Get-Together with beer and wine in the Cafeteria / Garden</i>	
22:00	<i>Closing of bar</i>	

Thursday, June 28th

	Session 3	Chair: Gerhard Abstreiter
9:00	Jim Eisenstein	Interlayer interactions and tunneling in bilayer composite fermion metals
9:35	Rui-Rui Du	Topological Excitonic Condensation and Beyond in Double Quantum Wells
10:10	Philip Kim	Interlayer Excitons and Magneto-Exciton Condensation in van der Waals Heterostructures
10:45	<i>Coffee Break in Entrance Hall</i>	
	Session 4	Chair: Daniela Pfannkuche
11:15	Vladimir Fal'ko	Moire superlattice effects and Brown-Zak minibands in graphene
11:50	Allan MacDonald	Double Bilayer Graphene Excitonic Superfluids
12:25	<i>Conference Photo</i>	
12:30	<i>Lunch in the Cafeteria</i>	
	Session 5	Chair: Klaus Ensslin
14:00	Moty Heiblum	Quantization of heat flow in the FQHE regime
14:35	David Goldhaber-Gordon	Chiral 1D transport in magnetic topological insulators: precise quantization and manipulation
15:10	Koji Muraki	Probing the Bulk and Edge States in InAs-based Heterostructures
15:45	<i>Coffee Break in Entrance Hall</i>	
	Session 6	Chair: Rolf Haug
16:15	Ray Ashoori	Momentum, Energy, and Spin Resolved Tunneling of Quantum Hall States
16:50	Amir Yacoby	Exploring Magnonic Excitation in Quantum Hall Ferromagnets
17:25	Dieter Weiss	A brief history of my time with Klaus von Klitzing
18:00	<i>Busses leaving to Restaurant Cube at downtown Stuttgart</i>	
18:45	<i>Reception at the Restaurant</i>	
19:15	<i>Conference Dinner</i>	
23:00	<i>Busses leaving to Relexa Hotel and MPI</i>	

Friday, June 29th

	Session 7	Chair: Günther Bauer
9:00	Qi-Kun Xue	New progress in quantum anomalous Hall effect
9:35	Tsuneya Ando	Topological Phenomena and Anomaly in Graphene
10:10	Jainendra Jain	Progress towards quantitative understanding of the fractional quantum Hall effect
10:45	<i>Coffee Break in Entrance Hall</i>	
	Session 8	Chair: Chihiro Hamaguchi
11:15	Masashi Kawasaki	Quantum mechanical shift current
11:50	Yoshiro Hirayama	Resistively-Detected Nuclear-Magnetic-Resonance in Microscopic Scale
12:25	<i>Lunch in the Cafeteria</i>	
	Session 9	Chair: Friedel Kuchar
14:00	Mansour Shayegan	Nematic Phases in 2D Electron Systems: Role of Mass Anisotropy and Magnetization
14:35	Gabor A. Csáthy	Competing Fractional Quantum Hall and Nematic Phases in the Half-filled Second Landau Level
15:10	Bertrand I. Halperin	Open questions about a Landau level near half-filling
15:45	<i>Coffee Break in Entrance Hall</i>	
	Session 10	Chair: Gloria Platero
16:15	Eli Zeldov	Nanoscale thermal imaging: Glimpse into dissipation in quantum systems
16:50	Charlie Marcus	Using Topology to Build a Better Qubit
17:30	<i>Busses leaving to Villa Benz, Kirchheim unter Teck</i>	
18:15	<i>Reception at Villa Benz</i>	
19:00	<i>Buffet</i>	
22:30 / 23:00	<i>Busses leaving to S-Bahn University, MPI and Relexa Hotel</i>	