Day 1	14-Oct	
8:50	9:00 Welcome	
	f molecules on surfaces	
9:00	9:40 Stefan Tautz	Precise adsorption energies and molecule-surface van der Waals potentials from force measurements
9:40 Break	10:20 Nikolaj Moll	Imaging Atoms and Bonds by Atomic Force Microscopy
10:50	11:30 Michael Rohlfing	Structure and spectra of organic molecules on silver from first principles
11:30	12:10 Leeor Kronik	The derivative discontinuity: origins, hiding places, and implications for transport
12:10	12:30 Wei Liu	Reliable Modeling of Complex Organic/Metal Interfaces
Lunch	12.30 Wei Eld	Reliable Modeling of complex organic/Metal Interfaces
	pies in junctions I: conductance, for	ces and beyond
13:50	14:30 Thomas Wandlowski	Charge Transport with Single Molecules: An (Electro-)Chemical Approach
14:30	15:10 Ferdinand Evers	
15:10	15:50 Latha Venkataraman	Mechanics of Single-Molecule Junctions
Break		
Multiscale model	lling	
16:20	17:00 Joerg Behler	Extending the Length and Time Scales of Atomistic Simulations Using Neural Network Potentials
17:00	17:40 Gabor Csanyi	Theory and practice of creating first principles-based interatomic potentials
17:40	18:20 Toon Verstraelen	ACKS2: Atom-Condensed Kohn-Sham DFT approximated to second order
18:20	19:20 Poster Session 1	
Dinner (Authenti	ic Chinese dinner)	
Day 2	15-Oct	
•	pies in junctions II: light and voltage	e-induced dynamics
9:00	9:40 David Masiello	Optical- and electron-driven plasmonic environments and their affect upon nearby resonant molecular media
9:40	10:20 Angel Rubio	Light-induced dynamical processes in finite and extended systems from TDDFT
Break	0	· · · · · · · · · · · · · · · · · · ·
10:50	11:30 Tamar Seideman	
11:30	12:10 Elke Scheer	Transport properties of optically driven molecular switches
12:10	12:50 Volkhard May	External Field Control of Sequential Charge Transmission through a Molecular Junction
Lunch		
14:00	15:30 Posters session II with coff	fee
	pies in junctions III: conductance, fo	,
15:30	16:10 Misha Galperin	Charge and energy transport in molecular junctions
16:10	16:50 Dmitrii E Makarov	Mechanically driven quantum transitions: Quantum Zhurkov-Bell Formula
Break	47:50 Lands and Call	Value and a second set also are the second through six also are larged as a large and a second as a large and a large and a second as a large and a second as a large and a la
17:10	17:50 Leonhard Grill	Voltage-dependent charge transport through single molecular wires
17:50 Dinner II ("Berlin	18:30 José Ignacio Pascual n-style" dinner)	Forces and photons from molecular junctions
Day 3	16-Oct	
•	arge transfer in complex environm	ents
9:00	9:40 David Beratan	Transport Through Soft, Wet, Fluctuating Biomacromolecules
9:40	10:20 Marcus Elstner	Simulation of charge transfer in complex systems
break		··· • · · · · · · · · · · · · · · · · ·
	pies in junctions IV: conductance, fo	orces and beyond
10:50	11:30 Joshua Hihath	Electromechanical Properties of Atomic and Molecular Junctions
11:30	11:50 Carmen Herrmann	Electronic communication through molecular bridges
11:50	12:10 Fatemeh Mirjani	Charge transport across insulating self-assembled monolayers
Lunch		
		port, thermoelectrics and Kondo effect
13:40	14:20 Magnus Paulsson	Inelastic scattering and conformational change in molecular junctions
14:20	14:40 Alexei Bagrets	Kondo effect in binuclear metal-organic molecules on metallic surfaces
14:40	15:00 Jacob Lykkebo	Strong Overtones Modes in IETS with Cross-Conjugated Molecules
Break		
		Current across malaculas, nathways, vibrations and heat
15:30	16:10 Alessandro Pecchia	Current across molecules: pathways, vibrations and heat
15:30 16:10 16:50	16:10 Alessandro Pecchia 16:50 Gianaurelio Cuniberti 17:00 Closing	Carbon thermoelectrics