

Agenda

Place: Hotel Angelo, Radlicka 1g, 15000 Prague 5

updated: 26.08.2016 (PZ)

Tuesday, 30 August 2016

Start	Who	Durat.	Short Title (Full titles see next page)	Notes
8:40			Bus transfer from Dresden-Hauptbahnhof	
12:00			Arrival/Lunch Buffet	Chair: P. Zahn
13:30	A. Erbe		Welcome address	
13:40	D. Porath	40+10	Charge Transport in DNA-Based Molecules (Introductory Lecture)	
14:30	H. Vazquez	40+10	Calculation of elastic & inelastic electron transport in single molecule junctions	
15:30		30	Break	Chair: H. Vazquez
16:00	E. Lörtscher	40+10	Singe-Molecule Electronics and Optics	
17:00		120	Poster session	27 Posters
19:30			Dinner	

Wednesday, 31 August 2016

8:45	H. Mizuta	40+10	Graphene-based nanoelectronic and nano-electro-mechanical devices	Chair: V. Krstic
9:35	E. Baek	20+10	Negative photoconductivity of highly doped Si nanowire FETs	
10:30		30	Break	Chair: M. Lörtscher
11:00	D. Porath	40+10	Charge Transport in single Adsorbed Long DNA-Based Molecules	
11:50	A. Stern	20+10	Electrical Characterization of 1D Molecular Structures	
12:30			Lunch	Chair: D. Porath
14:00	N. Fardian-Melamed	20+10	STM and Spectroscopy of Novel Silver-Containing DNA Molecules	
14:30	J. Honolka	20+10	SAFMAT: Materials science and facilities	
15:00	I. Kratochvilova	20+10	FUNBIO: scope, instruments, results	
15:30		30	Break	
16:00			Sightseeing (starting at the hotel lobby)	
19:30			Free Time	

Thursday, 01 September 2016

8:45	J. Gomez	40+10	Mechanical properties of fluctuating graphene membranes	Chair: G. Seifert
9:35	V. Krstic	40+10	Transport in nanowires and nanowire-based devices	
10:30		30	Break	Chair: V. Bouchiat
11:00	M. Kolesnik-Gray	20+10	Size-dependent charge transport in Au-seeded Ge nanowires	
11:30	D. Jariwala	40+10	Mixed Dimensional van der Waals Heterostructures	
12:30			Lunch	Chair: D. Jariwala
14:00	R. Zhuravel	20+10	Towards electrical transport measurements through single DNA molecules	
14:30	L. Bogani	40+10	Graphene-based nanomaterials for molecular spintronics	
15:30		30	Break	Chair: J. Honolka
16:00	V. Bouchiat	40+10	Collective behavior of physisorbed active elements on Graphene	
16:50	M. Kalbac	20+10	Chemistry on graphene	
17:20	J. Vejpravova	20+10	Tailoring wrinkles in graphene by nanoparticles and fullerenes	
19:30			Conference Dinner (Poster Prize)	Palfy Palac

Friday, 02 September 2016

8:30			Check-Out (latest 12:00)	Chair: P. Zahn
8:45	S. Karthäuser	40+10	UHV-STM investigations on three-dimensional molecules	
9:35	G. Seifert	40+10	Anisotropic Thermoelectric Response in Two-dimensional Puckered Structures	
10:30		30	Break	Chair: A. Erbe
11:00	R. Seidel	40+10	Self-assembly of metallic nanostructures using DNA mold templates	
11:50	B. Teschome	20+10	DNA origami nanostructures for application in nanoelectronics	
12:20	V. Tkac	20+10	Magnetotransport properties of Mn-doped Bi ₂ Se ₃ topological insulator	
13:00			Lunch	
14:30			Departure	

Breakfast will be served from 6:30.