NanoNet International Conference 2019, Dresden

HELMHOLTZ ZENTRUM DRESDEN ROSSENDORF
NANONET

Agenda

Place: Hotel Innside by Melia, Salzgasse 4, 01067 Dresden
updated: 05.10.2019 (PZ)

Tuesday, 08 October 2019

Start	Who	Durat.	Short Title (Full titles see next page)	Notes
12:00			Arrival/Lunch Buffet	Chair: Zahn, P.
13:30	Erbe, A.		Welcome address	
13:40	**Joachim, C.**	60+10	Nanocar Race I & II: Technology and Molecule-mechanics	
14:50	Strobel, A.	25+5	Electrical characterization of C60 molecules at low temperatures	
15:30		30	Break	Chair: Joachim, C.
16:00	**Herrmann, C.**	40+10	Spin-dependent effects: molecular + nanoscale electron transport	
17:00		120	**Poster session**	ca. 30 Posters
19:30			Dinner	at Hotel
Wednesday, 09 October 2019				Chair: Bol, A.
8:45	**Seifert, G.**	40+10	Layered Inorganic Nanostructures – Electronic and Structural Properties	
9:35	Arora, H.	25+5	Charge transport in two-dimensional materials	
10:15		30	Break	Chair: Kolesnik-G., M.
10:45	**Bol, A.**	40+10	ALD of TM di- and tri-chalcogenides with phase and morphology control	
11:35	Krstić, V.	25+5	Extended electronic boundaries in graphene: Dirac-Fermion-Optics	
12:20			**Conference Photo**	
12:30			Lunch	Chair: Arora, H.
14:00	**Ortmann, F.**	40+10	From Electronic Structure to Charge-, Spin- and Polaron-Transport	
14:50	Kolesnik-Gray, M.	25+5	Edge fluorinated graphene: Electronic properties of thin films and flakes	
15:20	Honolka, J.	25+5	Antiferromagnetic domain ordering processes in quasi-2D Fe-chalcogenide	
16:00		30	Break	
17:15			**Sightseeing – Walking Tour 2h** (start in front of the hotel)	
19:15			Free Time	
Thursday, 10 October 2019				Chair: Krstić, V.
8:45	**Frank, O.**	40+10	Deformation in 2D materials	
9:35	Khan, B.	25+5	Towards Reconfigurable Transistors: Rapid Thermal vs. Flash Lamp Annealing	
10:15		30	Break	Chair: Georgiev, Y.
10:45	**Holmes, J.**	40+10	Synthesis and Properties of Direct Bandgap Ge-Sn Nanowires	
11:35	Garcia, A.	25+5	Single-pot synthesis of metal-free group-IV semiconductor nanowires	
12:15			Lunch	Chair: Zhuravel, R.
13:45	**Kleinekathöfer, U.**	40+10	Environmental effects on energy and charge transfer in molecular systems	
14:35	Braun, H.-G.	25+5	Self organisation of peptides - Realise complex functional microstructures	
15:05	Bayrak, T.	25+5	Functionalized DNA Origami Nanostructures for Molecular Electronics	
15:45		30	Break	
17:30			**Steam Boat Tour** ("Meissen" from pier 1-7)	
- 22:00			**Conference Dinner** (Poster Prize)	on Boat
Friday, 11 October 2019				
8:30			**Check-Out** (latest 12:00)	Chair: Zahn, P.
8:45	**Metzger, R.**	40+10	Unimolecular Electronics: Is there a Future?	
9:35	Moresco, F.	25+5	Model systems for atomic scale electronics	
10:15		30	Break	Chair: Erbe, A.
10:45	**Porath, D.**	40+10	Novel DNA-Based Molecules and Their Charge Transport Properties	
11:35	Zhuravel, R.	25+5	Backbone charge transport in ds-DNA	
12:05	Zessin, J.	25+5	Characterization of DNA-based Nanostructures for Nanoelectronics	
12:45			Lunch	
14:00			Departure	

Breakfast will be served from 06:30.