

PROGRAMME

Sunday, May 27th			
14:00	Registration in the entrance hall of the J. Heyrovský Institute		
15:00	Departure of a special bus from the J. Heyrovský Institute (Dolejškova 3, Prague 8 – Kobylisy)		
17:00	Arrival at the Castle Třešť, Registration		
19:00	Welcome buffet		
Monday, May 28th			
7:00-			
9:00	Breakfast		
9:00	Morning session:		
	Opening of the Discussion		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
9:05-10:05	M. Kalbáč	S. Reich	Surface- and tip-enhanced Raman scattering on carbon nanostructures
10:05-10:25		V. Valeš	Enhanced Raman scattering on functionalized graphene substrates
10:25-10:45		S. Heeg	Carbon nanotube chirality determines properties of encapsulated long linear carbon chains
10:45	Coffee break		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
11:05-11:45	S. Reich	<u>K. Bolotin</u>	Excitons in two-dimensional semiconductors “talking” to their environment
11:45-12:05		M. Hulman	Spectroscopy of horizontally and vertically aligned thin MoS ₂ films
12:05-12:25		F. Karlický	Fluorographane C ₂ FH: stable and wide band gap insulator with huge excitonic effect
12:25	Lunch		
14:30	Afternoon session:		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
14:30-15:10	K. Bolotin	<u>S. Berciaud</u>	Charge and energy transfer in two-dimensional heterostructures
15:10-15:30		<u>A. Lopez-Ortega</u>	Plasmon Induced Magneto-Optical Enhancement in Metallic Ag/FeCo Core/Shell Nanoparticles Synthesized by Colloidal Chemistry
15:30-15:50		H. Tarabkova	Electrochemically Controlled Winding and Unwinding of HOPG Supported Carbon Nanoscroll
15:50	Coffee break + Posters		

<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
16:20-17:00	U. Wurstbauer	<u>A. Ciesielski</u>	2D materials: preparation, functionalization and application in sensing
17:00-17:20		P. Kovaříček	Chemistry on and with graphene: Introducing Selectivity, Functionality and Motion
17:20-17:40		J. Plšek	Fluorinated Graphene on Copper – Reactivity Driven by Support Phase Orientation and Decomposition under Heat Treatment
17:40-18:00		K. Drogowska	Effect of hydrogenation on the particular layer in isotopically labelled Turbostratic- and Bernal stacked bilayer graphene
18:30	Buffet dinner followed by beer degustatin + Posters		
Tuesday, May 29th			
7:00-	Breakfast		
9:00			
9:00	Morning session:		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
9:00-9:40	A. Grüneis	<u>J. Kotakoski</u>	Atomic-Scale Defect-Engineering of 2D Materials with Electron and Ion Beam
9:40-10:00		N. Bendiab	Defects and interlayer coupling in in van der Waals heterostructures
10:00-10:20		M. Dopita	X-ray Scattering on Highly Perturbed Carbon Nanomaterials
10:20	Coffee break		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
10:50-11:30	J. Kotakoski	<u>A. Krasheninnikov</u>	Electron Irradiation-Induced Defects and Phase Transformations in Two-Dimensional Transition Metal Dichalcogenides
11:30-12:10		<u>U. Wurstbauer</u>	In-situ spectroelectrochemistry of catalytically active sites in molybdenum dicalcogenide mono- and fewlayers for HER
12:10	Lunch		
14:00	Afternoon session:		
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
14:00-14:40	J. Kalbáčová Vejpravová	<u>A. Gomez Roca</u>	Magnetoplasmonic Heterostructures for Theranostic Applications
14:40-15:00		J. Honolka	Single 3d transition metal atoms on multi-layer graphene systems: electronic configurations, bonding mechanisms and role of the substrate
15:00-15:20		J. Červenka	Electronic detection of DNA on graphene
15:20-15:40		A. Poryvai	Multi-responsive nanocomposites based on liquid crystals
16:10	Departure for Jihlava Brewery for tour and dinner		
22:00	Return from Jihlava Brewery		

Wednesday, May 30th

7:00-

9:00 Breakfast

9:00 Morning session:			
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
9:00-9:40	A. Krasheninnikov	<u>A. Grüneis</u>	Resonance Raman spectrum of epitaxial graphene doped towards the Lifshitz transition
9:40-10:20		<u>O. Fenwick</u>	Thermoelectric properties of thin films
10:20-10:40		V. Skakalova	Graphitization of diamond through different routes

10:40 Coffee break

<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
11:10-11:30	R. Korytar	J. Kunc	Back-gated epitaxial graphene on SiC
11:30-11:50		P. Janda	Quasi-2D Liquid Nanofoam on Water-Immersed Solid Surface
11:50-12:10		H. Shiozawa	Physical properties of metal-organic frameworks doped with TCNQ

12:10 Lunch

14:30 Departure to Telč (Castle tour and general sightseeing)

17:30 Departure from Telč

19:30 Conference Dinner back in Třešť

Thursday, May 31st

7:00-

9:00 Breakfast

9:00 Morning session:			
<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
9:00-9:40	O. Fenwick	<u>J. Parthenios</u>	Controllable synthesis of highly crystalline single and few layer MoS ₂ and the role of growth-induced strain
9:40-10:00		V. Guerra	Graphene as substrate for selective self-assembly of 2-D materials for optoelectronic applications

10:00 Coffee break

<i>Time</i>	<i>Chairman</i>	<i>Speaker</i>	<i>Title of presentation</i>
10:30-11:10	J. Parthenios	<u>R. Korytar</u>	Transport and incommensurate quantum-size oscillations in oligoacene molecular wires
11:10-11:30		O. Frank	2D-3D Interfaces from the Topography Standpoint
11:30-11:50		T. Verhagen	Mastering the topography of graphene

11:50 Lunch

13:30 Departure for Prague