

NanoOstrava 2021



Monday
17 May, 2021

8:00				
9:00	10:00	Opening Ceremony		
10:00	10:30	Plenary presentation T1	Rummeli Mark H.	<i>Towards atom precise synthesis and engineering of nanomaterials with electron beams</i>
10:30	10:45	15 min break		
10:45	11:15	T1 (In)	Lafdi Khalid	<i>Nanocomposites Wireless Sensing Design for Composite Degradation</i>
11:15	11:30	T1	Tamayo Vegas Sebastian	<i>Effect of CNT additives on the physical properties of derived nanocomposites (experimental and modelling)</i>
11:30	11:45	T6 (PREVAC)	Walczak Lukasz	<i>Boosted research of nanomaterials by XPS and HPXPS</i>
11:45	12:00	T1	Bakandritsos Aristides	<i>Advanced nanomaterials for catalysis</i>
12:00	12:15	T1	Gulyaeva Irina	<i>Gas-sensitive properties of ZnO-SnO₂ films prepared via sol-gel method</i>
12:15	13:00	45 min break		
13:00	13:30	T1 (In)	Pacáková Barbara	<i>Game of clays - from single layers to functional multilayers</i>
13:30	13:45	T6 (Anton Paar)	Špringer Jiří	<i>Surface zeta potential analysis of novel graphene oxide coatings for membranes</i>
13:45	14:00	T1	Fang Qichen	<i>Development studies of silver nanocomposite based sensors for acid penetration</i>
14:00	14:15	T1	Muhsan Ali	<i>Fabrication and characterization of graphene based de-icing heater</i>
14:15	14:30	T1	Starnikova Alexandra	<i>Investigation of the electrophysical and gas-sensitive properties of thin nanocomposite materials based on ZnO (Sn) and ZnO (Au) nanorods</i>
14:30	14:45	15 min break		
14:45	15:00	T6 (Anton Paar)	Stavárek Martin	<i>Nanoscale Investigation of Multilayer Graphene Flakes using Contactless Electrical Modes of Tosca Atomic Force Microscope</i>
15:00	15:15	T1	Kubáň Vít	<i>Graphene oxide thin film with silver nanoparticle</i>
15:15	15:30	T1	Skoura Eva	<i>The functionalization of polycaprolactone surface with organo-saponite and methylene blue nanoparticles</i>
15:30	15:45	T1	Vaculíková Lenka	<i>Preparation and characterization of manganese dioxide/montmorillonite composites and their catalytic activity</i>
15:45	16:00	T1	Motoc Sorina	<i>Graphene quantum dots-multiwalled carbon nanotubes paste electrode for sensitive determination of doxorubicin in aqueous solution</i>