

KONNECT Progress Meeting - Scientific Program

Time	Name	Presentation Title
Session I, Tuesday 24.10.2017, Main IPP lecture hall		
14:25 – 14:30		Welcome & Opening
14:30 – 15:00	Mehmet MUTLU	Nanocellulose Reinforced Composites for Advanced Earthquake-proof Construction Technology
15:00 – 15:30	Bong Sup SHIM	Recent research progress in multi-functional biopolymers and their composites
15:30 – 16:00	JeongJae WIE	0D to 3D Self-assembly of bioinspired materials
16:00 – 16:30		coffee&tee break
16:30 – 17:00	Ondřej KYLIÁN	Plasma-based preparation of heterogeneous nanoparticles
17:00 – 17:30	Dong-Wook KIM	Facile synthesis of TiC/graphene and TiO ₂ /graphene
Session II, Wednesday 25.10.2017, Main IPP lecture hall		
09:30 – 10:00	Dong Wha PARK	Improved coating process for preparation of silver coated nickel particle by thermal plasma
10:00 – 10:30	Milan ŠIMEK	Systems for batch and in-line processing of nanomaterials by surface DBD based jet
10:30 – 11:00		coffee&tee break
11:30 – 12:00	Gizem Kaleli Can	The detection of chromium(VI) based on melanin nanospheres decorated screen printed gold electrode and QCM
Session III, Wednesday 25.10.2017, Main IPP lecture hall		
14:30 – 15:00	Artem SHELEMIN	Application of atmospheric pressure DBD for treatment of nanocrystalline cellulose
15:00 – 15:20	Daniil NIKITIN	Cycling instabilities in a gas aggregation cluster source used for plasma polymer nanoparticles formation
15:20 – 15:40	Kyeonga HER	Silica coatings of nanocellulose for high performance barrier properties
15:40 – 16:10		coffee&tee break
16:10 – 16:30	Taesik EOM	Improving Electrical Conductivity of Natural Melanin / Poly(vinyl alcohol) Free-standing Film through Heat-treatment
16:30 – 16:50	Seunghyeon LEE	Electrochemical Deposition of Poly(3,4-ethylenedioxythiophene)/Graphene Oxide Composites for Neural Electrode
16:50 – 17:10	Sukyung WON	Nanoscale phenomena in polyurethane – iron oxide nanocomposites
17:10 – 17:30		Free discussion
Session IV, Thursday 26.10.2017, Meeting Room of the Pulsed Plasma Systems Department		
09:30 – 10:20		Discussion of KONNECT achievements / joint papers
10:30 – 11:00		coffee&tee break
11:30 – 12:00		Planning next KONNECT activities/visits etc. & Closing of Scientific Program