

WORKSHOP

“ADVANCED FUNCTIONAL MATERIALS”



14-16 OCTOBER 2016



RIU PRAVETS

BULGARIA

Workshop
“Advanced Functional Materials”
14-16 October, 2016
Pravets, Bulgaria

Program

Friday 14th October, Faculty of Chemistry and Pharmacy, Sofia

09:30	Opening – Georgi Vayssilov
09:40	Hans-Jürgen Butt “Nanostructuring surface to control wetting”
10:20	Mark Blamire "Current Research at Cambridge in the Dept. of Materials Science and Metallurgy"
11:00	End of the morning session

13:00 *Transportation to RIU Pravets and Check-in*

Friday 14th October, RIU Pravets

16:00	Konstantin Neyman "Computational modelling of inorganic nanomaterials for catalysis and energy technologies"
16:40	Dolores Velasco “ Molecular engineering for functional materials and devices”
16:55	Jaume Garcia-Amorós “Smart materials with liquid crystal elastomers”
17:10	<i>Discussion on cooperation with Faculty of Chemistry, University of Barcelona</i>
17:40	Coffee Break
18:00	Kaloian Koynov "Nanocarrier Based Drug Delivery: what we can learn using Fluorescence Correlation Spectroscopy”
18:20	<i>Discussion on cooperation with Max-Planck Institute of Polymer Research</i>
19:00	Dinner

Saturday 15th October

09:30	Tony Spassov “Functional materials for hydrogen technologies and pharmacy”
09:50	Nikolay Denkov "Structured Colloidal Materials"
10:10	Todor Dudev

	"Computational modeling of biological systems of interest to pharmacology and medicine"
10:30	Hristiyan Aleksandrov "Quantum chemical modeling of sorbents, catalysts and catalytic reactions"
10:50	Coffee Break
11:10	Stoyan Gutzov "Physical chemistry of condensed matter"
11:30	Konstantin Balashev "Methods for studying the organized nanosized structures at model interfaces"
11:50	Irina Karadjova "Speciation analysis/food authenticity"
12:10	Krastanka Marinova "Presentation of the Complex Fluids Group"
12:30	Milen Bogdanov "Green approaches for preparation and characterisation of value added heterocyclic compounds"
13:00	Lunch
15:00	Elena Vassileva "Laboratory of Polymers"
15:20	Stefan Tsakovski "Chemometrics in environmental and human health risk assessment"
15:40	Stoyan Smoukov "Intelligent, Soft Materials - Towards Material Robotics"
16:10	<i>Discussion on cooperation with Department of Materials Science & Metallurgy, University of Cambridge</i>
16:40	Coffee Break
17:00	Rositca Nikolova "Organic synthesis and NMR spectroscopy"
17:20	Anife Ahmedova "Research of Laboratory of Biocoordination and Bioanalytical Chemistry"
17:40	Stanimir Stoyanov "Organic Chemistry inspired by light"
18:00	Alia Tadjer "Quantum and Computational Chemistry Lab - ongoing research and outlook"
19:00	Dinner

Sunday 16th October

09:30	Maria Milanova "Ferrites with spinel structure –properties, applications, problems"
09:50	Boriana Donkova "Laboratory of Nanoparticle Science and Technology"
10:10	Vladimir Gelev "Probes for blocking and visualization of protein-protein interactions"
11:30	<i>Transportation to Sofia</i>