

3RD ANNUAL MEETING - ATOMDEC WARSAW POLAND

Date: 23rd May 2023

Time: 9:00 to 17:00

Venue: Wacław Olszak Auditorium, Floor II, IPPT PAN

Time	Title of the talk	Speaker
9:00-9:30	<i>Registration</i>	
9:30-9:45	<i>Opening and Introduction</i>	Amrita Jain
9:45-10:45	Progress in atomic-level analysis and synthesis of sp ² -carbon materials	Hiroto Nishihara
10:45-11:15	<i>Coffee Break</i>	
11:15-12:15	Carbon as catalyst, catalyst support and catalyst promoter for oxygen reduction reaction	Diego Cazorla-Amorós
12:15-13:30	<i>Lunch time</i>	
13:30-14:00	TMO nanorods for supercapacitor application	Amrita Jain
14:00-14:30	Influence of temperature and atmosphere conditions on synthesis of g-C ₃ N ₄ compounds – properties and photocatalytic applications	Monika Michalska
14:30-15:00	<i>Coffee break</i>	
15:00-15:30	Adsorption properties of carbon-based materials studied by the DFT method	Eva Scholtzova
15:30-16:00	Swellable multi-layered graphene oxide structures: comparing solvation of the their powders vs. thin-film structures	Tamas Szabo
16:00-17:00	<i>Free discussion</i>	

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Date: 24th May 2023

Time: 9:00 17:00

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Time	Title of the talk	Speaker
9:00-9:15	<i>Session Information</i>	
9:15-9:30	The calcination temperature effect on properties of g-C ₃ N ₄ /TiO ₂ composites	Vlastimil Matejka
9:30-9:45	Processing and mechanical properties of bulk GMS/AlSi composite via hot-pressing	Kamil Bochenek
9:45-10:45	Thermal treatment of melamine precursor for preparing graphitic carbon nitride materials – theoretical study	Peter Škorňa
10:45-11:00	<i>Coffee break</i>	
11:00-12:00	Presentation cancelled	Robert Szilagyí
12:00-13:00	<i>Lunch time</i>	
13:00-14:00	Examples of Intercalated 2D Materials	Siegfried Eigler
14:00-14:15	Colloidal synthesis of graphene composites for advanced Li-S batteries	Peter Nagy
14:15-14:30	A theoretical study of the corrugation of graphene oxide structure	Daniel Moreno Rodriguez
14:30-14:45	<i>Coffee Break</i>	
14:45-15:00	Multi-functional ordered carbonaceous frameworks synthesized from octaethynyl metalloporphyrin	Koki Chida
15:00-15:15	Interaction of graphene oxide with cationic biomolecules	Kadosa Sajdik
15:15-15:30	Cr ₂ O ₃ /ZnO composites – preparation, characterization and their potential utilization as photocatalysts	Jiří Pavlovský
15:30-15:45	Quantitative study on unpaired electrons in carbon edge sites	Keigo Wakabayashi
15:45-17:00	<i>Open discussion</i>	
18:00	<i>Conference dinner and short walk in city center</i>	
25th May 2023		
9:00-12:00	Open discussion, check out and lab tour	

