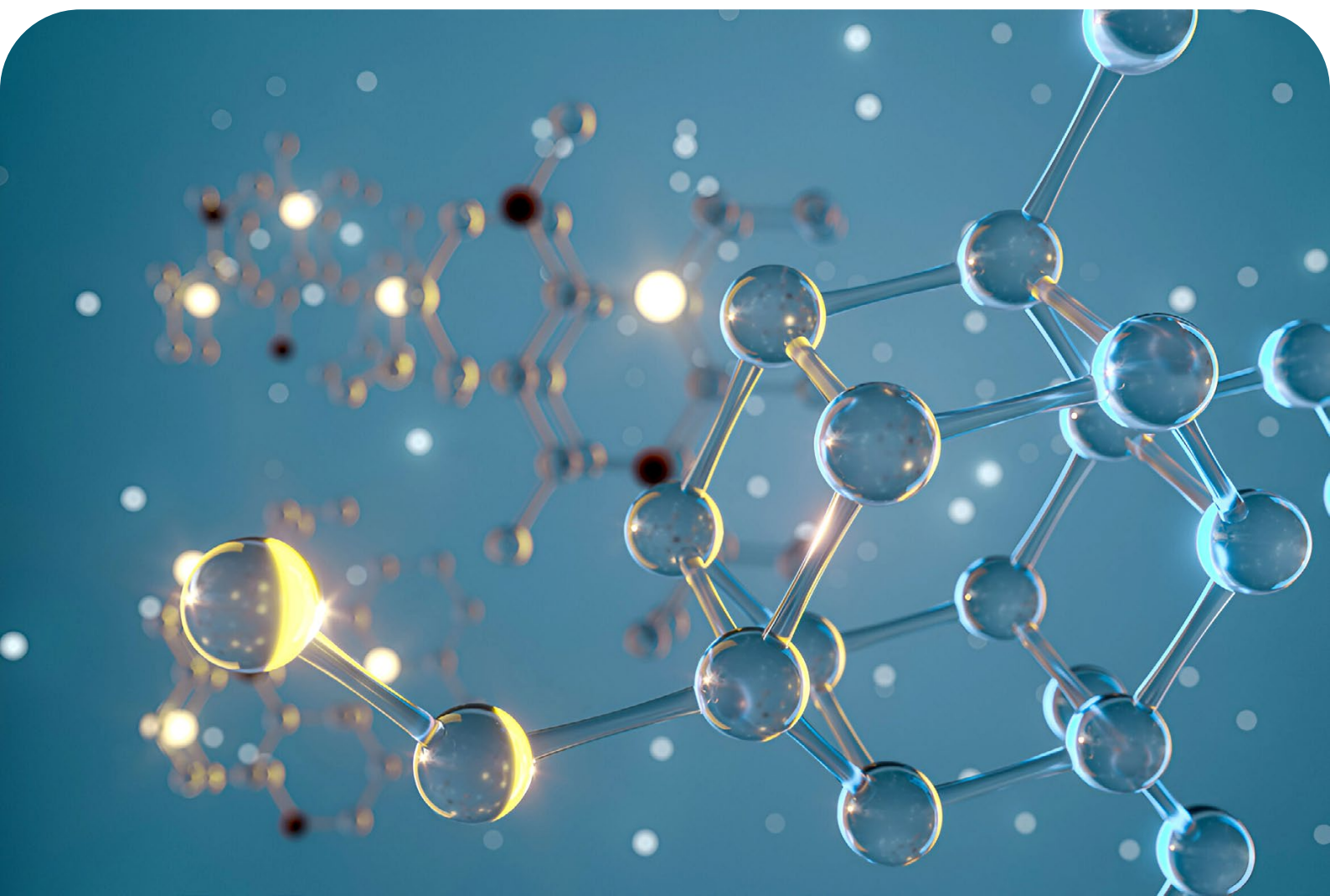


GLOBAL SUMMIT ON 2D MATERIALS & GRAPHENE TECHNOLOGY

 September 16-18, 2024  Prague, Czech Republic

Theme: “Recent Trends and Innovations Changing in 2D Materials and Graphene Technology.”

TENTATIVE PROGRAM



DAY 01: SEPTEMBER 16, 2024 | PRAGUE, CZECH REPUBLIC

08:30-09:00		Registrations
09:00-09:30		Introduction and Opening Ceremony
09:30-10:10	P	Title: Graphene Oxide-based 2D Nanocomposites as Versatile Heterogeneous Catalysts for Organic Synthesis
		Devendra Deo Pathak , Indian Institute of Technology, India
10:10-10:50	P	Title: Study of the Microstructure of Materials using 2D Microscopy and 3D Modelling
		Jan Monieta , Politechnika Morska w Szczecinie, Poland
10:50-11:30	K	Title: Boosting Data Centre Efficiency: Four-Channel Waveguides for Wavelength Division Multiplexing Systems
		" Dror Malka , Faculty of Engineering, Holon, Institute of Technology (HIT), Israel
11:30-11:50		Refreshment Breaks
11:50-12:20	P	Title: To Be Updated
		Ghulam Yasin , Beijing University of Chemical Technology, China
12:20-12:50	K	Title: To Be Updated
		Rami Ahmad El-Nabulsi , Quantum-Atom Optics Laboratory, Greece
12:50-13:00		Group Photo
13:00-14:00		Lunch
14:05-14:50	P	Title: To Be Updated
		Ramesh T Subramaniam , University of Malaya, Malaysia
14:50-15:35	I	Title: Laser-Induced Surface Modifications of Germanium in Vacuum and Hydrogen Atmospheres
		Asadullah Dawood , National Excellence Institute, Islamabad, Pakistan

15:35-16:10	I	<p>Title: Revisiting the Mond Process – Mass Production of 2-D and 3-D Carbon/Nickel/Iron Materials using the Principles of Industrial Carbonyl Technology</p> <p>Vladimir Paserin, VPM Research Inc., Mississauga, Ontario, Canada</p>
16:10-16:30		Refreshment Breaks
16:30-16:55	I	<p>Title: Artificial Intelligence and Data Sciences for Securing Mobile Health Informatics Systems</p> <p>Mohammed Ali Hussain, KLEF, India</p>
16:55-17:20	I	<p>Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator</p> <p>Seongwoo Woo, Mechanical Technology Faculty, Ethiopian Technical University, Ethiopia</p>
17:20-17:45	I	<p>Title: Development and Implementation of a Piezoelectric Conductive Smart Scaffold for Non-Invasive Neural Tissue Regeneration Using a Custom In-Vitro Mechano-Stimulator</p> <p>Vignesh Krishnamoorthi Kaliannagounder, Newcastle University ,UK</p>
		Poster Presentation
17:45-18:10	I	<p>Title: Stacking of CVD grown WS₂ to Fabricate Functional Polymer Composites for Enhanced Optical Absorption</p> <p>Yadu Chandran, School of Mechanical and Materials Engineering, IIT Mandi, Himachal Pradesh, India</p>

DAY 02: SEPTEMBER 17, 2024 | PRAGUE, CZECH REPUBLIC

09:30-10:05	P	<p>Title: To Be Updated</p> <p>Martin Schmal, Federal University of Rio de Janeiro, Brazil</p>
10:05-10:30	I	<p>Title: 2D MoO₃-hBN Heterostructure Based Nanofluids For Friction Reduction At Sliding Interfaces</p> <p>Amel Krishnan, IIT, Madras</p>

10:30-10:55	I	Title: To Be Updated
		Alandra Kahl , Penn State Greater Allegheny, USA
10:55-11:20	I	Title: Magnetic Phase Transition Via Spin-Splitting And Symmetry Properties In 2-D Materials With Strong-Correlation Interaction
		Badie Ghavami , Institute for Research in Fundamental Sciences (IPM), Tehran, Iran
11:20-11:45	I	Title: Immunogenetics of the Farm Animals and the Application of Bioinformatic Tools to Predict the Effects of Gene Mutations in Conferring Resistance or Susceptibility to Zoonotic Diseases
		Andrea Fulgione , University of Naples Federico II, Italy
11:45-12:05		Refreshment Break
12:05-12:30	F	Title: Ecofriendly Synthesis of Magnetic Composites Loaded on Rice Husks for Acid Blue 25 Decontamination: Adsorption Kinetics, Thermodynamics, and Isotherms
		Hafiza Komal Naeem , Superior Group of Colleges, Pakistan
12:30-12:55	I	Title: To Be Updated
		Harishchandra Singh , Adjunct Professor in Material Physics, North Ostrobothnia, Finland
12:55-13:55		Lunch
13:55-14:20	I	Title: To Be Updated
		Sai Kumar , Palacky University, Olomouc, Czech Republic
14:20-14:45	I	Title: To Be Updated
		Sung Ryong Kim , Korea National University of Transportation , Korea
14:45-15:10	I	Title: To Be Updated
		Slot Available

15:10-15:35	I	Title: To Be Updated
		Slot Available
15:35-16:00	I	Title: To Be Updated
		Slot Available
16:00-16:25	I	Title: To Be Updated
		Slot Available
16:25-16:45		Refreshment Break
16:45-17:10	I	Title: To Be Updated
		Slot Available
17:10-17:35	I	Title: To Be Updated
		Slot Available
17:35-18:00	I	Title: To Be Updated
		Slot Available

DAY 03: SEPTEMBER 18, 2024 | PRAGUE, CZECH REPUBLIC

09:30-10:10		Title: To Be Updated
		Slot Available
10:10-10:50		Title: To Be Updated
		Slot Available
10:50-11:30		Title: To Be Updated
		Slot Available

11:30-11:50		Refreshment Break
11:50-12:20		Title: To Be Updated
		Slot Available
12:20-12:50		Title: To Be Updated
		Slot Available
12:50-13:00		Group Photo
13:00-14:00		Lunch
14:05-14:50		Title: To Be Updated
		Slot Available
14:50-15:35		Title: To Be Updated
		Slot Available
15:35-16:10		Title: To Be Updated
		Slot Available
16:10-16:30		Refreshment Break
16:30-16:55		Title: To Be Updated
		Slot Available
16:55-17:20		Title: To Be Updated
		Slot Available
17:20-17:45		Title: To Be Updated
		Slot Available

17:45-18:10		Title: To Be Updated
		Slot Available
Closing Ceremony		

Note: This is a Tentative Program, it is Subjected to Slight Changes Till Final Program