



International Conference on Graphene and 2D Materials (ICG2DM-2024)
International Conference on Semiconductors, Optoelectronics & Nanostructures (ICSON-2024)
International Conference on Polymers and Composite Materials (ICPCM2024)

November 04, 2024 | Vancouver, Canada

Day-01 November 04, 2024		
09:00-09:30	On Spot Registrations	
	Chair	Rodney Herring , University of Victoria, Canada
Plenary Presentations		
09:30-10:10	P	Title: Novel Synthesis, Characterization and Application of Graphene and Its 2-D Counterparts Shaowei Zhang , University of Exeter, UK
10:10-10:50	P	Title: Dimensionality Control and Magnetic Structure of Chiral Magnetic Materials Katsuya Inoue , Hiroshima University, Japan
10:50-11:05	Refreshment Breaks	
11:05-11:45	P	Title: Smart Polymers for Lung Self-Humidification Ahmed Al-Jumaily , Auckland University of Technology, Newzealand
11:45-12:25	P	Title: Smart, Portable and Fast Acute Myocardial Infarction Detection Using Graphene FET Wamadeva Balachandran , Brunel University, London
12:25-13:05	P	Title: Graphene Barrier Coating Industrialization for Ai/Cu Foil Used in Li-b Electrode Sivasambu Bohm , Imperial College London, UK
13:05-14:05	Group Photo	
	Lunch	
14:05-14:45	P	Title: Conductometric Biosensors: Semiconductor Technology for Precise Measurements of Molecules Sharath Sriram , RMIT University, Australia
14:45-15:25	P	Title: Researches of Microwave and Millimeter-Wave Integrated Circuits and System Applications Huei Wang , National Taiwan University, Taiwan
15:25-16:05	P	Title: Chemical Grafting of Polymers as a Tool for Fabrication of Functional Surfaces Elizabeth Amir , Shenkar University, Israel
16:05-16:20	Refreshment Breaks	

16:20-17:00	P	Title: Flame Retardant Designs, Fire Proof Coatings and Composites for Wind Power Generation and High-voltage Power Transmission Segments of a Smart Grid
		Fei You , Nanjing Tech University, China
Keynote Presentations		
17:00-17:30	K	Title: Nanomaterials-Based Electrochemical Sensors for Detecting Disease Biomarkers
		Matiar R. Howlader , McMaster University, Canada
17:30-18:00	K	Title: 2D Materials-Based Electrodes for Energy Storage Devices
		Nilanthy Balakrishnan , Keele University, UK
Invited Presentations		
18:00-18:20	I	Title: Graphene Synthesis in Inductively Coupled Thermal Plasma Reactor Using Methane Precursor
		Reem Mahmoud , Université of Sherbrooke, Canada
18:20-18:40	I	Title: Wearable Sensors Based on Graphene and Its Derivatives
		Tatiya Siripongpreda , Chulalongkorn University, Thailand
18:40-19:10	Poster Presentation	
Poster	P1	Title: Flame-Retardant Two-Dimensional Materials for Biofuel Cell Electrodes
		Hijiri Nisimura , Tokyo University of Science, Japan
Poster	P2	Title: Carrier Avalanche Multiplication Quenching and Pulse Width Control of Nonlinear Gallium Arsenide Photoconductivity Switches
		Shi Wei , Xi'an University of Technology, China
Poster	P3	Title Will be Updated Soon
		Poushali Das , McMaster University, Canada
Video Presentation		
19:10-19:25	Video	Title: Computational Stability and Point Defect Considerations of Graphene and MoS ₂ -based Transition Metal Chalcogenide
		Erwin Povoden-Karadeniz , Institute of Material Science and Technology, Austria
19:25-19:40	Video	Title: Strain Engineering of Two-dimensional Materials for Optoelectronic Applications
		Hong Li , Nanyang Technological University, Singapore
19:40-19:55	Video	Title : Hybrid Prisms: Revolutionizing Optical Systems Across Spectral Ranges
		Friedrich Grimm , University of Stuttgart, Germany
End of the Conference Program		