

GLOBAL SUMMIT ON

Polymer Science & Composite Materials



September 16-18, 2024



Prague, Czech Republic

TENTATIVE PROGRAM



DAY 1: 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: "Horizontal Recycling of Fiber Reinforced Plastics Using Microwave Decomposition" Kazutoshi Ikenaga, Sojo University, Japan
10:10-10:50	P	Title: "Introducing Picocomposites: The Next Improved Extension of Nanocomposites" Thomas J Webster, Hebei University of TechnologyChina
10:50-11:30	P	Title: "Challenge to the Black Holes and Supernova Explosion - Astrophysical Implications of Magnetic Monopoles" Qiuhe Peng, Nanjing University, China
11:30-11:50		REFRESHMENT BREAK
11:50-12:20	K	Title: "Chiroptical Properties of Helical Conjugated Polymers Synthesized in Chiral Liquid Crystals" Kazuo Akagi, Ritsumeikan University, Japan
12:20-12:50	K	Title: "Jute Reinforced Low-Cost, Light-Weight, Fire Retardant Polymer Composite for Sustainable Application of Housing Materials" Mubarak Ahmad Khan, Bangladesh Jute Mills Corporation (BJMC), Bangladesh
12:50-13:00		GROUP PHOTO
13:00-14:00		LUNCH
14:05-14:50	I	Title: "Relationship between Structure and Nonlinear Optical Response in Nanostructured Materials" Raul Rangel Rojo, Center for Scientific Research and Higher Education at Ensenada, Mexico
14:50-15:35	I	Title: "Recent Trends in Modification of Thermoplastic Starch" Regina Jeziorska, Polymer Technology and Processing-Łukasiewicz Research Network, Poland
15:35-16:10	I	Title: "Microencapsulation of Natural Polymers and their Applications: A New Series of Microencapsulation Devices with a Compact Structure." Kornay A Ali, National Research Centre, Egypt

16:10-16:30		REFRESHMENT BREAK
16:30-16:55	I	Title: "Morphology and Selected Properties of Polylactide and Thermoplastic Starch Blends -- Effect of Silane Compounds" Agnieszka Szadkowska, Polymer Technology and Processing-Łukasiewicz Research Network, Poland
16:55-17:20	I	Title: Will Update Soon Mubasher Ali, The Chinese University of Hong Kong
17:20-17:45	I	Title: Will Update Soon Juliana C Rezende, Federal University of ABC (UFABC), Brazil
17:45-18:10	F	Title: Will Update Soon Abdulkadir Bozarlan, Tomas Bata University in Zlín, Czech Republic

DAY 2: SEPTEMBER 17, 2024 | PRAGUE, CZECH REPUBLIC

09:30-10:05	P	Title: "Sustainable Research & Technological Development on Bio-Energy" Abdeen Mustafa Omer, Energy Research Institute,4EU, United Kingdom
10:05-10:30	P	Title: "An Innovative Method of Multiple Sclerosis Treatment using Biocompatible Magnetite Nanoparticles (Micromage-B)" Andrey Belousov, Laboratory of Applied Nanotechnology of Belousov, Ukraine
10:30-10:55	P	Title: "Does Multiferroicity Emerge in Polymers?" Paulo Cesar De Moaris, University of Brasília, Brazil
10:55-11:20	P	Title: "Smart Nanostructured Materials as Drug Delivery Carriers to Treat Cancer, Kidney, Cardiovascular, Autoimmune and Other Diseases" Hermis Iatrou, Department of Chemistry, National and Kapodistrian University of Athens, Panepistimiopolis, Zografou, Athens, Greece
11:20-11:45	K	Title: "Artificial Intelligence (AI) in Biomedical Engineering" Hossein Hosseinkhani, Innovation Center for Advanced Technology, New York, USA
11:45-12:05		REFRESHMENT BREAK

12:05-12:30	K	Title: "Polymer Nanocomposite-based Sensors for Next Generation of Smart Systems" Kaushik Parmar Direct-C Ltd., 10230 Jasper Avenue, Edmonton, Canada
12:30-12:55	I	Title: "Enhanced Visible Light-Driven Photocatalytic Activity and Stability of Novel Ternary ZnO/CuO/MoO ₃ Nanorods for the Degradation of Rhodamine B and Alizarin Yellow" Muhammad Khalid Hussain, Research School of Chemistry, Australian National University, Canberra ACT 2601, Australia
12:55-13:55		LUNCH
13:55-14:20	K	Title: "Shape Reversibility Thermomechanical Transformations in Shape Memory Alloys" Osman Adiguzel, Department of Physics, Firat University, Elazig, Turkey
14:20-14:45	I	Title: "Global Developments on Metal- Air EV Batteries with Focus on Breakthroughs in Polymeric Materials for Use in Metals - Air Solid State EV Batteries" Siva Prasad Parvatam , R & D Department, Independent Consultant, Chennai, India
14:45-15:10	I	Title: "Improving the Fatigue Design of Mechanical Systems such as Refrigerator" Seongwoo Woo, Mech. Eng., Ethiopian Technical University, Addis Ababa, Ethiopia
15:10-15:35	I	Title: "Recent Advances of Magnetic Gold Hybrids and Nanocomposites, and Their Potential Biological Applications" Mirza Muhammad Faran Ashraf Baig, The Hong Kong University of Science and Technology, HKSAR, China
15:35-16:00	I	Title: "Polyethylene Glycol (PEG)-Based Biopolyethers with Covalently Tethered Multiple Catechol Moieties: Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Medicinal Plants of Boraginaceae Family with Therapeutic Efficacy" Vakhtang Barbakadze, Department of Plant Biopolymers and Chemical Modification of Natural Compounds, Tbilisi State Medical , Georgia
16:00-16:25	F	Title: Slot Available

DAY 3: SEPTEMBER 18, 2024 | PRAGUE, CZECH REPUBLIC

09:30-10:05	P	Title:
		Slot Available
10:05-10:30	P	Title:
		Slot Available
10:30-10:55	P	Title:
		Slot Available
10:55-11:20	P	Title:
		Slot Available
11:20-11:45	K	Title:
		Slot Available
11:45-12:05		REFRESHMENT BREAKS
12:05-12:30	K	Title:
		Slot Available
12:30-12:55	I	Title:
		Slot Available
12:55-13:55		LUNCH
13:55-14:20	K	Title:
		Slot Available
14:20-14:45	I	Title:
		Slot Available
14:45-15:10	I	Title:
		Slot Available
15:10-15:35	F	Title:
		Slot Available
15:35-16:00	F	Title:
		Slot Available
16:00-16:25	F	Title:
		Slot Available
CLOSING CEREMONY		

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