

2nd Edition of Polymer Science and Composite Materials Virtual

November 11-12, 2022



V-PSCM22

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Webinar
Timings

Speakers
Timings

07:00 – 07:10

Introduction



Keynote Sessions

07:10 – 07:45

15:10 – 15:45

Title: Quality Assessment and Integrity of Circular Drilled-Holes in CFRP Laminates

Amie Norfreeda Amir, SEGi University, Malaysia.

07:45 – 08:20

15:45 – 16:20

Title: Human Extinction: Inevitable Or Avoidable

Jorg Imberger, UCL, Australia.

08:20 – 08:55

16:20 – 16:55

Title: PLA/recycled HDPE blend Biocomposite Foams reinforced with Kenaf Fibre

Sahrim Ahmad, Universiti Kebangsaan, Malaysia.

08:55 – 09:30

16:55 – 17:30

Title: Deposition of Composite Polymer Films for Electrochromic Glass Using Ultrasonic Spray Deposition

Chi-Ping Li, National United University, Taiwan.

09:30 – 10:05

17:30 – 18:05

Title: Elucidation of structural and antibacterial properties of regenerated carbon of waste tire Graphene Oxide incorporated Polypropylene as filter materials

Noor Najmi Bonnia, Universiti Teknologi MARA, Malaysia.

10:05 – 10:40

18:05 – 18:40

Title: Hot Pressing Process of Unidirectional Kenaf Reinforced Polylactic-Acid Composites

Abu Bakar Sulong, Universiti Kebangsaan, Malaysia.

10:40 – 11:15

11:40 – 12:15

Title: Deep inside for a good fiber

Silvia Tedesco, Istituto Superiore di Sanità, Italy.

11:15 – 11:50

19:15 – 19:50

Title: Aerodynamic Loading-Structural Analysis on a Composite Laminates Wing Skin using Fluid Structure Interaction

Adi Azriff Basri, Universiti Putra Malaysia (UPM), Malaysia.

11:50 – 12:25

12:50 – 13:25

Title: Decorative epoxy resins for furniture industry

Krystofiak Tomasz, Poznań University of Life Sciences, Poland.

12:25 – 13:00

13:25 – 14:00

Title: Aramids and composites as functional and improved high-performance materials

Miriam Trigo-López, Universidad de Burgos, Spain.

13:00 – 13:35

07:00 – 07:35

Title: Composites of phenol-formaldehyde resin with agave fiber and chitosan, their XPS analysis for adsorption of Cr(VI) and As(III)

Milton Vázquez-Lepe, Universidad de Guadalajara, Mexico.

End of the Day 1

07:00 – 07:10

Introduction



Keynote Sessions

07:10 – 07:45

12:40 – 13:15

Title: Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers

Sabu Thomas, Mahatma Gandhi University, India.

07:45 – 08:20

08:45 – 09:20

Title: Poly lactic acid (PLA) based materials: From properties to biomedical applications

Ilaria Armentano, University of Tuscia, Italy.

08:20 – 08:55

16:20 – 16:55

Title: Guanidinium-based Molecular Glues for Controlling Biomolecular Functions

Ko Okuro, The University of Hong Kong, Hong Kong.

08:55 – 09:30

16:55 – 17:30

Title: Composite Membrane of Poly (L-Lactic Acid) and Modified Eggshell Powder for Oil and Water Separation

Rizafizah Othaman, Universiti Kebangsaan Malaysia.

09:30 – 10:05

18:30 – 19:05

Title: Systematic Nanoparticles Assembling with Photo Polymerizations for Stereolithographic Additive Manufacturing

Soshu Kiriara, Osaka University, Japan.

10:05 – 10:40

18:05 – 18:40

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, Hong Kong.

10:40 – 11:15

16:10 – 16:45

Title: Mechanical Properties of Graphene Reinforced Natural Rubber Composites Using Molecular Dynamics Simulation

Sumit Sharma, Dr. BR Ambedkar National Institute of Technology, India.

11:15 – 11:50

07:15 – 07:50

Title: Polymerized Ionic Liquids as Stabilizers and Binders

John Texter, Eastern Michigan University, USA.



Invited Sessions

11:50 – 12:10

19:50 – 20:10

Title: Various Polymerization Time towards Conductivity and Properties of poly(methyl methacrylate)/polyaniline (PMMA/PANi) Copolymer

Ramli Muhammad, Universiti Malaysia Perlis, Malaysia.

12:10 – 12:30

13:10 – 13:30

Title: Resorbable Calcium Phosphates as Repository for Antimicrobial Ions

Alaa Adawy, University of Oviedo, Spain.

12:30 – 12:50

13:30 – 13:50

Title: Alpha lipoic acid in obstetrics and gynecology

Chiara Di Tucci, Sapienza University of Rome, Italy.

End of the Day 2
&
Closing Ceremony