



IESMME2023

International Experts Summit on Mechanical and Mechatronics Engineering

September 11, 2023

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Monday | September 11, 2023

Introduction: 9:50 AM – 10:00AM

- 10:00AM–10:40AM** **P** **Title:** The Residential Application of Chain Recooling Energy Recovery Ventilator System in a Hot and Humid Climate
Wei-Jen Chen, National Taiwan Normal University, Taiwan
- 10:40AM–11:20AM** **P** **Title:** Stereolithographic Additive Manufacturing of Fine Ceramic Components
Soshu Kirihara, Osaka University, Japan
- 11:20AM–12:00PM** **P** **Title:** Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers
Sabu Thomas, Mahatma Gandhi University, India
- 12:00PM–12:25PM** **I** **Title:** New Assessment Approach of Self consistent Energy System In Highway Service Areas
Li Yanbo, School of Energy and Electrical Engineering, Chang'an University, China
- 12:25PM–12:50PM** **I** **Title:** Electric Harvesting Circuit of Dielectric Elastomer Generators
Junshuo Chen, School of Energy and Electrical Engineering, Chang'an University, China
- 12:50PM–13:25PM** **K** **Title:** Effect of Pulsating Jets on Thermo-acoustic Instabilities
Nilaj N. Deshmukh, Fr.C.Rodrigues Institute of Technology, India
- 13:25PM–14:05PM** **P** **Title:** From Flexible to Stretchable Pads
W.M. Huang, School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore
- 14:05PM–14:40PM** **K** **Title:** Internet of Things in Smart Grid: Architecture, Applications, Services, Key Technologies, and Challenges
Alireza Ghasempour, University of Applied Science and Technology, Iran
- 14:40PM–15:05PM** **I** **Title:** Simulation Informed Deep Learning Fault Diagnosis of High Speed Train Bogie Bearing
Yang Buyao, Hunan University, China
- 15:05PM–15:30PM** **I** **Title:** A Bearing Fault Diagnosis Model Based on Graph Convolution and Meta-Learning from Simulation Domain to Real Domain
Yuyan Li, Central South University, China
- 15:30PM–16:05PM** **K** **Title:** Biomedical Engineering in Coronary Artery Stenting
Ramachandran Muthiah, Thoothukudi Medical College, India

- 16:05PM–16:45PM** **P** **Title:** Probabilistic Design for Reliability Concept Enables Assuring Reliability of Electronics and Photonics Materials, Devices, Packages and Systems
Ephraim Suhir, Portland State University, USA
- 16:45PM–17:25PM** **P** **Title:** Supply Chain Disruption Management
Mamun Habib, University of Texas - Arlington (UTA), USA
- 17:25PM–17:50PM** **I** **Title:** Sliding Behavior at the Graphene Oxide and Polymer Matrix Interface with Different Interfacial Features
Wei Hanqing, Zhejiang university, China
- 17:50PM–18:15PM** **I** **Title:** New Criteria for the Objective Selection of Industrial Robots: Mateas Marius–Cornel
Mateas Marius–Cornel, Politechnical University of Timisoara/, Timisoara, Romania
- 18:15PM–18:40PM** **I** **Title:** Impact of Mechatronics on Industrial Biotechnology
Sughra Mohamed, University of Eastern Finland, Finland
- 18:40PM–19:05PM** **I** **Title:** Dark–State Metasurface Laser with Controllable Radiative Coupling
Daining Fang, Beijing Institute of Technology, China
- 19:05PM–19:40PM** **K** **Title:** Magnetic Properties of the Strong Nuclear Interaction
Vladimir Plekhanov, Fonoriton Sci. Lab., Garon Ltd, Tallinn 11413, Estonia
- 19:40PM–20:20PM** **Title:** The Study of Stability (in the Sense of Lyapunov) of Mechanical Systems
Jerzy Kisilowski, Kazimierz Pulaski University of Technology and Humanities in Radom, Poland
- 20:20PM–21:00PM** **Title:** The Study of Stability (in the Sense of Lyapunov) of Mechanical Systems
Rafał Kowalik, Military University of Aviation, Dęblin, Poland

END OF THE PROGRAM (IESMME2023)



2nd International Experts Summit on
Mechanical and Mechatronics Engineering

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October 03-05, 2024 | Osaka, Japan

