

# SCIENTIFIC PROGRAM

2<sup>nd</sup> Edition of Scholars World Congress on

## MATERIAL SCIENCE AND ENGINEERING

23-24 May 2022 | Virtually

Day 1 | May 23, 2022

10:45-11:00 Registrations

11:00-11:10 Opening Ceremony

### KEYNOTE FORUM

- 11:10-11:40 Title: Advanced supported polyolefin catalysts: Innovation and challenges  
**Muhammad Atiqullah**, King Fahd University of Petroleum & Minerals, Saudi Arabia
- 11:40-12:10 Title: Design of Phospholipid Self-assembly for Drug Delivery System to Skin Tissue  
**Noriyuki Uchida**, Tokyo University of Agriculture and Technology, Japan
- 12:10-12:40 Title: Reliability challenges in mobile technology for big data era  
**King Ning. Tu**, City University of Hong Kong, Hong Kong
- 12:40-13:10 Title: The concrete and asphalt road pavements: an overview  
**Christian Paglia**, University of Applied Sciences of Southern Switzerland, Switzerland

Networking and Refreshments Break @ 13:10-13:20

- 13:20-13:45 Title: Biodegradable Textile Materials  
**Dawid Stawski**, Lodz University of Technology, Poland
- 13:45-14:10 Title: Analytical Modeling Enables Explaining Paradoxical Situations in the Behavior and Performance of Electronic and Photonic Materials and Products  
**Ephraim Suhir**, Portland State University, Portland

### Scientific Sessions

- 14:10-14:35 Title: Improved Photovoltaic Performance of Inverted Type Organic Solar Cell Using Carbon Quantum Dots-Doped P3HT:PCBM Photoactive Layer  
**Chi Chin Yap**, University Kebangsaan Malaysia, Malaysia
- 14:35-15:00 Title: Morphological Features and Mechanical Properties of Nanofibers Scaffolds of Polylactic Acid Modified with Hydroxyapatite/Cdse for Wound Healing Applications  
**Hossam Donya**, King Abdulaziz University, Saudi Arabia
- 15:00-15:25 Title: WS<sub>2</sub> & MoS<sub>2</sub>, from 2D to 1D structures; Curvature and chirality induced properties of nanotubes  
**Alla Zak**, Holon Institute of Technology, Israel
- 15:25-15:50 "Title: Rejuvenation of Aged Bitumen Extracted from field-aged Asphalt pavement Paolino"  
**Cesare Oliviero Rossi**, University of Calabria, Italy
- 15:50-16:15 Title: Effect of Graphite and Graphene oxide on EPDM nanocomposites: A comparative study  
**Ginil Mon**, Nesamony Memorial Christian College, India
- 16:15-16:40 Title: Clock-rate Corollary to Newton's Law of Inertia  
**Robert J. Buenker**, Bergische Universität Wuppertal, Germany

Networking and Refreshments Break @ 16:40-17:00

Closing Ceremony