



IESNNP 2025

**International Experts Summit on Nanotechnology,
Nanomaterials and Polymer Science**

September 17-19, 2025

Tokyo, Japan



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Presentation DAY-1

09:00AM-09:15AM **Registrations**
09:15AM-09:30AM **Opening Ceremony**

Introduction

09:30AM-10:15AM **P** Sylwester Samborski, Lublin University of Technology, Poland
Title: Damage Identification in Elastically Coupled FRP Composites
Jun Ren, Yunnan University, China

10:15AM-11:00AM **P** Title: The Enhancement of Nano Carbonate from Phosphogypsum-Steel Slag
Cementitious Material in Solidification of Heavy Metals: Effect from Bi-
direction Carbonation

11:00AM-11:15AM Coffee Break

11:15AM-12:00PM **P** Adam Gadomski, Bydgoszcz University of Science and Technology,
Poland
Title: On Quantitative Classical vs. Quantum Measure of Superlubricity
Based on Graphene Type Example(s) with Environmental Concomitants
Yu Chen, Commonwealth Scientific and Industrial Research Organisation
(CSIRO), Australia

12:00PM-12:45PM **P** Title: Rapid and Highly Sensitive Electrochemical Detection of miRNA
Biomarkers in Serum using Porous Silicon Nanochannel Arrays
Mr Menachem Glik, Opli, United States of America

12:45PM-13:30PM **P** Title: Contemporary Trends in Advanced Polymer-Based Technologies
as Reflected in "Opli" Articles.

Lunch Break 13:30PM-14:20PM

14:20PM-15:05PM **P** Michaela Schulz-Siegmund, Leipzig University, Germany
Title: TBC

15:05PM-15:40PM **K** Özlem YAYINTAŞ, Çanakkale Onsekiz Mart University, Faculty of Medicine,
Dept. of Medical Biology, Turkey
Title: Plant Biotechnology and Sustainability

15:40PM-16:15PM **K** Sihem Jaziri, University of Carthage, Tunis
Title: TBC

16:15PM-16:30PM Coffee Break

16:30PM-17:00PM **K** Riam Abu-Much, Bar-Ilan University, Ramat-Gan, Israel
Title: TBC

17:00PM-17:25PM **I** Mészáros László, University in Budapest, Hungary
Title: TBC

17:25PM-17:50PM **I** Johannes Vrana, CEO at Vrana GmbH - NDE Consulting and Solutions
Title: TBC

End for DAY-1

Thursday | September 18, 2025 (Tokyo, Japan)

Presentation DAY-2

09:30AM-10:15AM P Wang Lipo, Nanyang Technological University, Singapore
Title: TBC

10:15AM-11:00AM P Francesco Enrichi, University of Verona, Italy
Title: TBC

11:00AM-11:15AM Coffee Break

11:15AM-11:45AM K Sibeles Cestari, University of Minho, Portugal
Title: TBC

11:45AM-12:20PM K Gw He, University and Zhejiang University, China
Title: TBC

12:20PM-12:55PM K Stamatis Gargalianos, University of Western Macedonia, Greece
Title: TBC

12:55PM-13:30PM K Gerardo Byk, Bar Ilan University, Israel
Title: TBC

Lunch Break 13:30PM-14:20PM

14:20PM-14:55PM K Phanice Fedha, Stamatis Gargalianos
Title: TBC

14:55PM-15:20PM I Mubarak Ahmad Khan, Bangladesh Jute Mills Corporation, Bangladesh
Title: Extraction and characterization cellulose nanocrystal from jute for sustainable application in cellulose based biopolymer packaging "Sonali Bag®"
Yves Sungu Kafuti, University of Kinshasa, Congo, Democratic Republic of the

15:20PM-15:45PM I Title: A Stepwise Optimization Strategy for Constructing Butyrylcholinesterase-activatable Fluorescent Probe with High Selectivity and Its Application in Live Cells, Zebrafish, and Diagnosis of Alzheimer's Disease in Mice

15:45PM-16:10PM I Zakiyyu Ibrahim Takai, Yusuf Maitama Sule University Kano, Malaysia
Title: Preparation and Analysis of PANI/Fe₂O₃ nanocomposites materials for X-band and S-band Microwave Absorption Application

Coffee Break 16:10PM-16:25PM

16:25PM-16:50PM I Saeed Ostad Movahed, Ferdowsi University of Mashhad, Iran
Title: Polymer Nanotechnology

16:50PM-17:15PM I MGH ZAIDI, G.B. Pant university of Agriculture & Technology, India
Title: Polymerization and Polymer Modification in Supercritical Fluids

17:15PM-18:00PM P Osman Adiguzel, Firat University, Elazig, Turkey
Title: Shape Memory Phenomena and Nanoscale Characteristics of Reversibility in Alloys

18:00PM-18:35PM K Seongwoo Woo, Federal Technical and Vocational Training Institute, Ethiopia
Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

End for DAY-2

Friday | September 19, 2025 (Tokyo, Japan)

Presentation DAY-3

10:00AM-10:25AM I Puja Khare, CSIR-Central Institute of Medicinal and Aromatic Plants, India
Title: Nano-Biochar: The Role of Nanotechnology in Promoting Sustainable Agriculture and a Circular Economy

10:25AM-10:50AM I Ramachandran Muthiah, Morning star hospital, Enayam Thoppu, Kanyakumari District, India,
Title: Nanotechnology in coronary interventions

10:50AM-11:15AM I Harpreet Singh, Thapar University, India
Title: TBC

11:15AM-11:30AM Coffee Break

11:30AM-11:55AM I Luis Alberto Lightbourn Rojas, Founder and owner at Bioteksa S.A. de C.V., Bionanofemto technologist, molecular engineer and mathematician, Chemistry, Mexico
Title: TBC

11:55AM-12:20PM I Eamor Woo, University of Texas, Austin, Austin, TX, USA
Title: TBC

12:20PM-12:45PM I Lavinia Balan, University of Orléans, France
Title: TBC

12:45PM-13:10PM I Lee Seo, Chonbuk National University, Korea
Title: TBC

13:10PM-14:00PM Lunch Time

14:00PM-14:25PM I Cesar Augusto Correia de Sequeira, Instituto Superior Técnico, Portugal
Title: TBC

14:25PM-14:50PM I Weiyi Xing, University of Science and Technology of China, China
Title: TBC

14:50PM-15:15PM I SARRAF STUDENT, University of Malaya, Malaysia
Title: TBC

15:15PM-15:40PM I Yamauchi Y, The University of Queensland, Australia
Title: TBC

15:40PM-16:05PM I Pedro Ricardo Martins Lopes da Fonte, University of Algarve, Portugal
Title: TBC

16:15PM-16:30PM Breakout Time

16:15PM-16:40PM I Tsakiridis Elias, University of Patras, Greece
Title: TBC

16:40PM-17:05PM I

NORMA BT ALIAS FS, Universiti Teknologi Malaysia, Malaysia

Title: TBC

- 17:05PM-17:30PM** I Changxun Dong,Nanjing Agricultural University, China
Title: TBC
- 17:30PM-17:55PM** I Per Arvid Lothman,University of Sarland, Germany
Title: TBC
- 17:55PM-18:20PM** I Mazura Jusoh, University of Technology Malaysia, Malaysia
Title: TBC
- 18:20PM-18:45PM** I Ooi Ing Hong, IMU University Malaysia
Title: TBC
- 18:45PM-19:10PM** I Mohd Shafry Utm, UTM-IRDA Digital Media Centre, Malaysia
Title: TBC
- 19:10PM-19:35PM** I Fatehah Binti Mohd Omar, Universiti Sains Malaysia, Malaysia
Title: TBC
- 19:35PM-20:00PM** I Nor Hasrul Akhmal Bin Ngadiman Fkm, University of Technology Malaysia,
Malaysia
Title: TBC

End



London, UK