

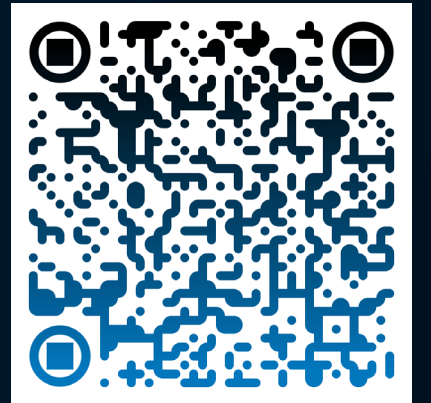
NanoES

2ND SEMINAR ON NANOMATERIALS AND ENERGY STORAGE

IRNGS 2.0

- 22-23 August, 2022
- 10:00am - 4:00pm (UTC+8)

Scan QR code for registration:



Our Speakers



**Prof. Dato' Ts. Dr.
Kamaruzzaman Sopian**

Professor
Solar Energy Research Institute,
Universiti Kebangsaan Malaysia



Dr. S.K. Tyagi

Associate Professor
Indian Institute of
Technology-Delhi, India



Dr. Hoe Joon Kim

Associate Professor
Daegu Gyeongbuk Institute of Science
and Technology, South Korea



**Dr. Yogeshwar
Nath Mishra**

Scientist
University of
Gothenburg/NASA



**Dr. Muhammad
Wakil Shahzad**

Senior Lecturer
Northumbria University,
United Kingdom



Dr. Wee Jun Ong

Associate Professor
Xiamen University Malaysia



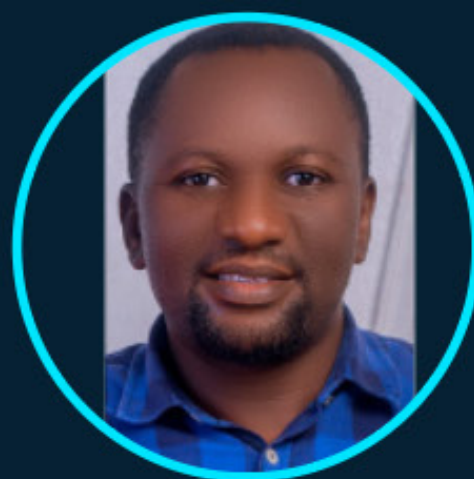
Prof. P Abdul Salam

Professor
Asian Institute of
Technology, Thailand



**Dr. DJ
Donn Matienzo**

R & D Scientist
Technological Institute of the
Philippines (TIP), Philippines



**Dr. Elochukwu
Agudosi**

Researcher
Malaysia-Japan International
Institute of Technology, Malaysia

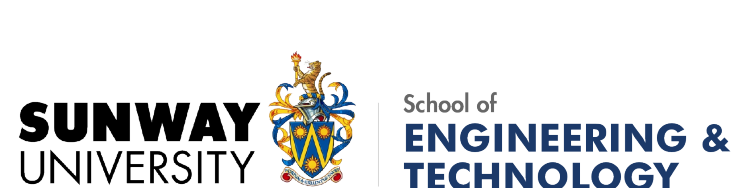


Dr. Tan Kim Han

Research Fellow
Sunway University,
Malaysia

About the Seminar

Nanomaterials and energy storage seminar is the second in a series of two days program to discuss research progress on nanomaterial synthesis, performance and technological application in energy storage materials and devices for sustainable energy and development. This seminar is organised within the framework of International Research Network Grant Scheme 2.0 (IRNGS 2.0), involving Sunway University and Asian country collaborators. Speakers are leading experts in the field of nanomaterials and energy storage from United Kingdom, South Korea, Thailand, Sweden, India, Philippines and Malaysia. This seminar demonstrates the commitment to support the United Nations (UN) Sustainable Development Goals (SDGs), particularly SDG7 on ensuring access to affordable and clean energy and SDG13 on climate action.



For Enquiry:

603-7491 8622 (Ext: 7616/7254) |

atikahaa@sunway.edu.my (or) aishar@sunway.edu.my

Tentative Schedule

DAY-01

- 10:00 AM - 10:30 AM** • Opening Remarks
- 10:30 AM - 11:15 AM** • Advanced Cooling Concepts in PVT Solar Collectors
- 11:15 AM - 12:00 PM** • Thermal Energy Storage, Challenges & Applications
- 12:00 PM - 12:45 PM** • Green Materials based Nano Generators
- 12:45 PM - 02:30 PM** BREAK
- 02:30 PM - 03:15 PM** • MXenes for Energy Storage Applications
- 03:15 PM - 04:00 PM** • Sustainable Energy Storage Materials for Heating

DAY-02

- 10:00 AM - 10:45 AM** • Engineered Nanomaterials for Sustainable Energy Conservation
- 10:45 AM - 11:30 AM** • Technology Transfer related to Energy Storage
- 11:30 AM - 12:15 PM** • Role of Energy Storage in the Energy Transition
- 12:15 PM - 02:00 PM** BREAK
- 02:00 PM - 02:45 PM** • Development of Carbon-based Supercapatteries
- 02:45 PM - 03:30 PM** • Characterization & Formation of Nanoparticle in Flames
- 03:30 PM - 04:00 PM** • Discussion & Closing Ceremony

Salient Feature

- Speakers are Clarivate Top 1% Highly Cited Researchers
- Speakers are among the Top 2% Scientist
- E-Certificates for all Participants
- Interaction with World Standard Researchers

Organising Committee

ORGANISING CHAIR:

Prof. Saidur Rahman

CONVENER:

Prof. Adarsh Kumar Pandey

ORGANISING SECRETARY:

Dr. Tan Kim Han

Dr. Norulsamani Abdullah

ORGANISING MEMBERS:

Mr. Kalidasan B

Mr. Hazim Khir

Ms. Atikah Aini Abdullah

Ms. Aisha Ridzuan



School of
**ENGINEERING &
TECHNOLOGY**



Research Centre for
**NANO-MATERIALS
& ENERGY TECHNOLOGY**

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