



**UTM** Faculty of Mechanical Engineering  
UNIVERSITI TEKNOLOGI MALAYSIA



# 33<sup>RD</sup> SCMSM 2025

## SCIENTIFIC CONFERENCE OF MICROSCOPY SOCIETY MALAYSIA

**25<sup>TH</sup> - 26<sup>TH</sup> NOVEMBER 2025**

OPERO HOTEL, SOUTHKEY  
JOHOR BAHRU, MALAYSIA



**EXPLORING THE INVISIBLE THROUGH LENS : INNOVATIONS IN MODERN MICROSCOPY**

**ORGANIZED BY :**

**FACULTY OF MECHANICAL ENGINEERING  
UNIVERSITI TEKNOLOGI MALAYSIA, JOHOR  
&  
MICROSCOPY SOCIETY MALAYSIA**

### RESEARCH AREA



#### PHYSICAL SCIENCE

Polymer, Ceramic, Electronic Material, Catalysis, Energy, Nanoscience, Metal, Engineering, Composites, Biomaterial.



#### LIFE SCIENCE

Microbiology, Pharmaceutical, Biotechnology, Bioengineering, Medical, Dental, Health Science, Agriculture, Botany

### IMPORTANT DATES

- ◆ ABSTRACT SUBMISSION **START**  
**1<sup>ST</sup> JUNE 2025**
- ◆ ABSTRACT SUBMISSION **DEADLINE**  
**5<sup>TH</sup> NOVEMBER 2025**
- ◆ REGISTRATION **DEADLINE**  
**15<sup>TH</sup> NOVEMBER 2025**
- ◆ PAYMENT **DEADLINE**  
**15<sup>TH</sup> NOVEMBER 2025**
- ◆ FULL PAPER SUBMISSION **DEADLINE**  
**30<sup>TH</sup> NOVEMBER 2025**

### CONFERENCE FEES

- **MSM MEMBER**  
RM 900
- **NON MSM MEMBER**  
RM 1000
- **STUDENT**  
RM 800
- **INTERNATIONAL PARTICIPANT**  
USD 350
- **NON PRESENTER PARTICIPANT**  
RM 400

### PUBLICATION OPPORTUNITY



Awards for the **BEST POSTER, ORAL PRESENTATION** and **MICROGRAPH COMPETITION**.



Selected papers that fulfil the **Malaysian Journal of Microscopy (MJM)** requirements will be published in **MJM (Scopus Indexed)**.



Travel Grant for the **BEST ABSTRACT** sponsored by **MSM** (student only).



Others will be published in conference proceeding

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### PLENARY SPEAKERS

**Prof. Ts. Dr. Mohd Hafiz Dzarfan bin Othman**

Chair of Research Alliance,  
Universiti Teknologi Malaysia (UTM)  
Johor, Malaysia

**FROM MICROSTRUCTURE TO IMPACT :  
MEMBRANE TECHNOLOGIES FOR  
ENVIRONMENTAL SUSTAINABILITY**



**Dr. Md Azman bin Seeni Mohamed**

Senior Director,  
Advanced Material Research Centre  
(AMREC)  
SIRIM Industrial Research  
Kedah, Malaysia

**AI FOR MICRO WORLD :  
FROM PIXELS TO PERCEPTION**



### KEYNOTE SPEAKERS

**Assoc Prof. Ir. Ts. Dr Muhamad Azizi bin Mat Yajid**  
Universiti Teknologi Malaysia  
UTM (Malaysia)

**AEROGEL COMPOSITES AND COATINGS :  
ENHANCING PERFORMANCE THROUGH  
NANOSTRUCTURED MATERIALS**



**Mr. Afdzal Syahadat Husni bin Husni**  
CEO of MIMOS Technology  
MIMOS Berhad, Kuala Lumpur

**MIMOS' ROLE AND CAPABILITIES IN ADVANCING  
MICROSCOPY AND MATERIALS  
CHARACTERISATION IN MALAYSIA**



**Assoc. Prof. Ts. ChM Dr. Nik Ahmad Nizam bin Nik Malek**  
Universiti Teknologi Malaysia  
UTM (Malaysia)

**MICROSCOPIC EVALUATION ON BACTERIAL  
MORPHOLOGY POST-TREATMENT WITH SILVER  
NANOCOMPOSITES**



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