

SEMINAR ON SUSTAINABLE MOBILITY AND TRANSPORT

THEME: BATTERY & HYDROGEN UTILIZATION

Tuesday, 23 July 2024

14:30 - 20:30

V Space, Level 14, LX Building

KMUTT Bangmod Campus

Organized by King Mongkut's University of Technology Thonburi (KMUTT) and Universiti Teknologi Malaysia (UTM)



Dr. Yossapong Laoonual
Head of Mobility and Vehicle
Technology Research Center,
KMUTT



**Prof. Shabbir H.
Gheewala**
KMUTT



Prof. Srithar Rajoo
Director of Institute for
Sustainable Transport, UTM



**Prof. Alessandro
Romagnoli**
Nanyang Technological
University (NTU)



**Dr. Patcharapit
Promoppatum**
KMUTT



**Dr. Patcharawat
Charoenamornkitt**
KMUTT



**Dr. William Chong
Woei Fong**
UTM



**Dr. Mohd Farid
Muhamad Said**
UTM

Topics

Time

Topics

- 14:30-15:00** Registration
- 15:00-15:10** Opening by Session Chair
Dr. Yossapong Laoonual
Head of Mobility and Vehicle
Technology Research Center, KMUTT
- 15:10-15:30** Life Cycle Perspective for
Sustainable Transport
Prof. Shabbir H. Gheewala
KMUTT
- 15:30-15:50** Phase Change Material (PCM) for
Battery Thermal Management
Prof. Alessandro Romagnoli
Nanyang Technological University (NTU)
- 15:50-16:10** Computational Design and
Advanced Manufacturing
for Thermal Management
of Battery Systems
Dr. Patcharapit Promoppatum
KMUTT

- 16:10-16:30** Overcoming Lubrication Challenges
in Hydrogen-Powered Internal
Combustion Engines
Dr William Chong Woei Fong
UTM
- 16:30-16:50** Advanced Electrode Structure of
High-Performance Hydrogen Production
and Utilization Devices for
Automotive Applications
Dr. Patcharawat Charoenamornkitt
KMUTT
- 16:50-17:10** Conversion of Internal Combustion
Engine Vehicle to Battery Electric
Passenger Vehicle in Malaysia
Dr. Mohd Farid Muhamad Said
UTM
- 17:10-17:30** Summary and Closing by Session Co-Chair
Prof. Srithar Rajoo
Director of Institute for Sustainable Transport, UTM
- 18:00-20:30** Dinner Networking by Kistler Thailand



Scan the QR Code for
Online-Registration
All are Welcome

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