

Special Symposium on “Materials for Environment Applications”

In The Third International Conference on Science and Technology of
Emerging Materials (STEMa2022) at Holiday Inn Pattaya

5th August 2022 during 14.00-17.00

"Joint Symposium on Materials for Environment Applications (JSMEA)"
The Materials Research Society of Thailand (MRS-THAILAND) and Japan-ASEAN Science, Technology and Innovation Platform (JASTIP) are proud to announce The Joint Symposium on Materials for Environment Applications, to be held in Pattaya, Thailand.

To strengthen the collaboration among researchers given rise to remarkable achievements in science and technology and to explore the opportunity for collaboration with industry, JSMEA will bring together a wide audience and speakers from academics and industry to meet and discuss the latest ideas and views on functional materials and their environmental applications.

This workshop is open to all both in-person and online. Please make the registration and join us



Free Register at:

<https://forms.gle/TmWdmM8NzZsv7Grc9>

Contact: 087-9733232

E-mail: wanichaya.me@kmitl.ac.th

Join Zoom Meeting:

<https://zoom.us/j/91588780852?pwd=VGZ0MUxuRGlOdzVjMXc0NUdMaTlqUT09>

Meeting ID: 915 8878 0852

Passcode: 559064

PROGRAM

Chair: Prof. Dr. Keiichi N. Ishihara, Prof. Dr. Santi Maensiri and Assoc. Prof. Dr. Wisanu Pecharapa

Time	Activity
13.30-13.45	Registration for onsite and online participants
13.45-14.00	Welcome and Workshop Opening/ Group photo
14.00-14.20	Speaker 1 Prof. Dr. Keiichi N. Ishihara Graduate School of Energy Science, Kyoto University (Japan) <i>"The Mechanism of Z-scheme in Photocatalytic Degradation of Dyes"</i>
14.20-14.40	Speaker 2 Dr. Anis Natasha Shafawi (Online) School of Chemical Engineering, Universiti Sains Malaysia <i>"Bi₂O₃ Particles Decorated on Porous g-C₃N₄ Sheets: Enhanced Photocatalytic Activity through a Direct Z-scheme Mechanism for Degradation of Reactive Black 5 under UV-Vis Light"</i>
14.40-15.00	Speaker 3 Dr. Nonni Soraya Sambudi (Online) Chemical Engineering, Universiti Teknologi PETRONAS (Malaysia) <i>"Photoreduction of CO₂ by Using f-CQDs/TiO₂: Preliminary Study"</i>
15.00-15.20	Speaker 4 Assoc. Prof. Dr. Bridgid Chin Lai Fui (Online) Chemical and Energy Engineering, Curtin University (Malaysia) <i>"Catalytic Pyrolysis of Oil Palm Wastes for Bio-oil Production"</i>
15.20-15.40	Coffee break
15.40-16.00	Speaker 5 Assoc. Prof. Dr. Sorapong Pavasupree (Online) Faculty of Engineering, Rajamangala University of Technology Thanyaburi (RMUTT) <i>"Applications of Nano-materials from Thai Minerals"</i>
16.00-16.20	Speaker 6 Asst. Prof. Dr. Wanichaya Mekprasart College of Materials Innovation and Technology, King Mongkut's Institute of Technology Ladkrabang (KMITL) <i>"Photocatalytic performance of BiVO₄ Photocatalyst Incorporated with Different Metal Dopants"</i>
16.20-16.40	Speaker 7 Assoc. Prof. Dr. Pakorn Opaprakasit Sirindhorn International Institute of Technology, Thammasat University <i>"Towards A Circular Economy: Chemical Upcycling of Postconsumer Polymeric Products for Functional Materials"</i>
16.40-17.00	Speaker 8 Dr. Siwarutt Boonyarattanakalin SMS Corporation, SMS Group Thailand <i>"TAPIOPLAST®: The Functional Thermoplastic Starch Resin for Bioplastic Applications"</i>
17.00-17.10	Q&A, Group discussion and Closing symposium