



## The 8th JASTIP-WP2 Annual Workshop

on 9 January 2023

at CO113, TSP, NSTDA

<https://meeting-nstda.webex.com/meet/phurithat.sup>

<b>13:00 – 13:10</b>	<b>Opening</b>
	Welcome address, Prof. Suthum Patumsawad
	Group Photo
<b>13:10 – 14:55</b>	<b>Report Session 1</b>
13:10 – 13:30	“WP2 Activity”, Prof. Hideaki Ohgaki
13:30 – 14:00	“Photocatalytic Conversion of Biomass to Value-Added Fuels and Chemicals”, NSTDA : BIOTEC - JGSEE/KMUTT - KU : Dr. Verawat Champreda, Prof. Takashi Sagawa
14:00 – 14:30	“Development of Carbon Materials from Biomass for Energy Storage Applications”, NSTDA : ENTEC - KU : Dr. Sumittra Charojrochkul, Prof. Takeshi Abe (Prof. Yuto Miyahara)
14:30 – 15:00	“Innovations in Biomass Application for Catalytic Material Synthesis and Energy Devices”, NSTDA : NANOTEC - CU - KU(T) - MU - VISTEC - NU - KU(J) : Dr. Kajornsak Faungnawakij, Prof. Noriaki Sano
<b>15:00 – 15:15</b>	<b>Break</b>
<b>15:15 – 17:15</b>	<b>Reporting Session 2</b>
15:15 – 15:45	“Sustainable Production of High-Quality Bio-Oil from ASEAN Biomass”/ “Aviation Fuel Production from Palm Fatty Acid Distillate by a Single-step Hydrotreating Process” / “Thermochemical Conversion of Palm Wastes using Aspen and CFD of Cofiring Palm Wastes in Utility Boiler”  Kumamoto-Chulalongkorn-NANOTEC-UTP-Curtin, Prof. Suttichai Assabumrungrat, Dr. Bridgid Chin, Dr. Suzana Yusup, Prof. Armando T. Quitain
15:45 – 16:15	“Power Generation from Biomass Wastes”, JGSEE/KMUTT-KU, Prof. Nakorn Worasuwanarak, Prof. Ryuichi Ashida
16:15 – 16:45	“Development of New Functional Materials for Energy and Environment”, KMITL - RMUTT - KU : Prof. Wisanu Pecharapa, Prof. Keiichi Ishihara



16:45 – 17:15	“RE Implementation: Study on Rural Electrification in ASEAN”, Prof. Hideaki Ohgaki
<b>17:15 – 17:45</b>	<b>Discussion</b>
17:15 – 17:40	Activity Plan in 2023 and beyond, Prof. Hideaki Ohgaki
<b>17:40 – 17:45</b>	<b>Summary and Closing Remarks</b>
17:40 – 17:45	Prof. Keiichi Ishihara

#### Participant List

##### **NSTDA:**

1. Dr. Kajornsak Faungnawakij (NANOTEC)
2. Dr. Pongkarn Chakthranont (NANOTEC)
3. Dr. Kasempong Srisawad (NANOTEC)
4. Mr. Chayapat Thammaniphit (NANOTEC/Chulalongkorn University)
5. Ms. Kornkamon Meesombad (NANOTEC)
6. Ms. Sarinya Woraphutthaporn (NANOTEC)
7. Mr. Piphob Chaichettha (NANOTEC)
8. Ms. Ampawan Prasert (NANOTEC)
9. Mr. Sukit Boonlha (NANOTEC)

##### **Chulalongkorn University/Silpakorn University/King Mongkut's University of Technology-Ladkrabang/Mahidol University:**

1. Professor Suttichai Assabumrungrat from Chulalongkorn University
2. Associate Professor Worapon Kiatkittipong from Silpakorn University
3. Associate Professor Apiluck Eiad-ua from King Mongkut's Institute of Technology Ladkrabang
4. Assistant Professor Atthapon Srifa from Mahidol University (to be confirmed)

##### **BIOTEC-JGSEE/KMUTT:**

1. Dr. Verawat Champreda
2. Assoc. Prof. Dr. Surawut Chuangchote
3. Dr. Kamonchanok Roongruang
4. Dr. Nopparat Suriyachai
5. Dr. Nakorn Worasuwanarak



**ENTEC:**

1. Dr.Vituruch Goodwin
2. Dr.Priew Eiamiamai (Online)
3. Dr.Ukrit Sahapatsombut (Online)
4. Mr.Thanathon Sesuk

**KMITL:**

1. Prof. Dr. Wisanu Pecharapa
2. Assoc. Prof. Dr. Sorapong Pavasupree
3. Asst. Prof. Dr. Wanichaya Mekprasart
4. Asst. Prof. Dr. Kanokthip Boonyarattanakalin
5. Dr. Thanaphon Kansaard
6. Maneerat Songpanit

**Kyoto University:**

1. Takeshi Abe (Yuto Miyahara) (Online)
2. Takashi Sagawa (Online)
3. Noriaki Sano
4. Ryuichi Ashida (Online)
5. Keiichi Ishihara (Online)
6. Hideaki Ohgaki

**Kumamoto University**

1. Armando T. Quitain
2. Dr. Jonas Karl Agutaya (online)

**Curtin University (Malaysia)**

1. Dr. Bridgid Chin Lai Fui

**Tenaga Nasional Berhad Research Sdn Bhd (TNBR) (Malaysia)**

1. Hj Ismail Shariff
2. Ir Dr Suzana Yusup
3. Dr Muhammad Nurizat Rahman