

The 6th Southeast Asia Collaborative Symposium on Energy Materials (SACSEM 6th)

24-25, Nov. 2020

Institut Teknologi Bandung ITB:

Universiti Kebangsaan Malaysia (UKM),

Universiti Teknologi PETRONAS (UTP)

Universität Duisburg-Essen (CENIDE)

King Mongkut's University of Technology Thonburi (KMUTT)

University of Tsukuba (UT)

24th November (Japan time)

16:00-16:10		UT	Prof. J. Nakamura	Greeting
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Chair: Prof. Dr.-Ing. Niels Benson (CENIDE)

Time	No	Affiliation	Presenter	Title
16:10-16:25	I1	CENIDE	Dr. Tobias Teckentrup	Introduction
16:25-16:40	I2	ITB	Prof. Brian Yulianto	Introduction
16:40-16:55	I3	KMUTT	Asst. Prof. Kuskana Kubaha	SEEM and Research activities.
16:55-17:10	I4	UTP	AP Dr Fadzil Hassan	Introduction to Institute of Autonomous Systems (IAS)
17:10-17:25	S1	UT	Dominicus Dennis Kwaria	Pinostrobin Prenylation by Prenylbromide and NaH.
17:25-17:40	S2	UKM	Dr. Muhammad Amirul Aizat Mohd Abdah	A Promising Porous Carbon Nanofibers Coated Poly (3, 4-Ethylenedioxythiophene/Manganese Oxide (P-CNFs/PEDOT/MnO ₂) for Anode Electrode in Lithium-Ion Battery

17:40-17:55 Short break

Chair: Prof. Dr Hayyiratul Fatimah Mohd Zaid (UTP)

Time	No	Affiliation	Presenter	Title
17:55-18:10	I5	UT	Prof. J. Nakamura and Prof. T. Kanbara	Introduction of Graduate Programs in Materials Innovation and Tsukuba Research Center for Energy Materials Science (TREMS) in University of Tsukuba
18:10-18:25	I6	UKM	Prof. Dato' Dr. Kamaruzzaman Sopian	Introduction: Solar Energy Research Institute (SERI) UKM
18:25-18:40	I7	UTP	Dr. M Shuaib M Saheed	Introduction to the Centre of Innovative Nanomaterials and Nanodevices (COINN)
18:40-18:55	I8	ITB	Prof. Heni Rachmawati	Development of Nanotheranostic at Research Center for Nanosciences and Nanotechnology ITB
18:55-19:10	S3	CENIDE	Sebastian Tigges	One-step synthesis of carbon-supported electrocatalysts
19:10-19:25	S4	KMUTT	MR. Huttakorn Wanichart	Design and build up the low cost electrochromic device cycle lifetime testing apparatus

25th November (Japan time)

Chair: Dr. Arie Wibowo (ITB)

Time	No	Affiliation	Presenter	Title
16:00-16:15	I9	UTP	Dr. Khairulazhar Jumbri	Introduction to the Centre of Research in Ionic Liquids (CORIL)
16:15-16:35	P1	KMUTT	Assoc. Prof. Dr. Surawut Chuangchote	Nano-structured Metal Oxides for Photocatalytic Conversion of Biomass to Fuel and High-value Chemicals
16:35-16:55	P2	CENIDE	Prof. Dr.-Ing. Niels Benson	On the degradation and trap formation in perovskite thin film solar cells
16:55-17:10	S5	UT	Airong Qiagedeer	Highly sensitive humidity sensor based on AIE luminogen-appended hygroscopic polymer microresonator
17:10-17:25	S6	ITB	Muhammad Rezk	Cu-mof nanosphere with amino functional ligand as biosensing platform for HBsAg detection
17:25-17:40	S7	UKM	Fatihah Najirah binti Jumaah	From Fatty Acid to A Promising Electrolyte: Bio-based Quaternary Ammonium Salt

17:40-17:50 Short break

Chair: Assoc. Prof. Dr. Loh Kee Shyuan (UKM)

Time	No	Affiliation	Presenter	Title
17:50-18:05	S8	UTP	Mohd Faridzuan Majid	Performance of Glycol-based Deep Eutectic Solvent in Extractive Desulfurization System
18:05-18:20	S9	CENIDE	Swen Zerebecki	Defect-engineering of transition metal oxide particles by continuous pulsed laser post-processing for catalysis research
18:20-18:35	S10	ITB	Feraliana	Development of Covid detection using SPR Sensors: A Preliminary Results
18:35-18:55	P3	KMUTT	Asst. Prof. Dr. Nutthapon Wongyao	Overview and time-line on the development of Electrode catalyst for fuel cells and batteries
18:55-19:15	P4	UKM	Assoc. Prof. Dr. Mohd. Yusri Abd Rahman	Nickel Palladium-reduced graphene oxide as cathode for dye-sensitized solar cells
19:15-19:35	P5	UT	Prof. H. Tokoro	Development of pressure-sensitive heat storage materials using a bistable property

19:35-19:45 Short break

Chair: Assis. Prof. Afalla, Jessica Pauline Castillo (UT)

19:45-20:10 Banquet: (Self-introduction)

Award announcement and Closing Remark (Prof. Brian Yulianto)