

Meet my Lab x JFS

Clean, Accessible and Secure Energy Supply

Wednesday, 20 March 2024

09:00 - 10:45 CET/15:00 - 16:45 Jakarta

Programme & Speakers

Central European Time (CET)/ Jakarta Time (BKT) 9:00am / 15:00	Welcome	Ms Leonie Nagarajan Representative EURAXESS ASEAN
09:00 am CET/ 15:00 Jakarta	Opening Remarks	Mr Victor Gram-Erichsen Policy Officer Directorate General for Research and Innovation European Commission
09:05 am CET 15:05 Jakarta	Introduction SEA-Europe JFS / 2023 Joint Call for Proposals	Mr Tuấn Vũ Bùì Programme Officer Global Service Facility
09:10 am CET 15:10 Jakarta	Introduction EURAXESS ASEAN	Dr Tatas Brotosudarmo Representative EURAXESS ASEAN
09:15 am CET 15:15 Jakarta	Questions & Answers	
09:25 am CET 15:25 Jakarta	Start of Lab Tours Introduction of Speakers and Lab Tour Format	Moderator: Dr Ir Grandprix T M Kadja Assistant Professor Division of Inorganic and Physical Chemistry Institut Teknologi Bandung
09:30 CET 16:30 Jakarta	Lab Tour #1: A systems approach for sustainable biomass waste management <ul style="list-style-type: none">• Presentation• Lab Tour (live)	Dr Hanifrahmawan Sudibyo Assistant Professor Chemical Engineering Department Universitas Gadjah Mada Indonesia

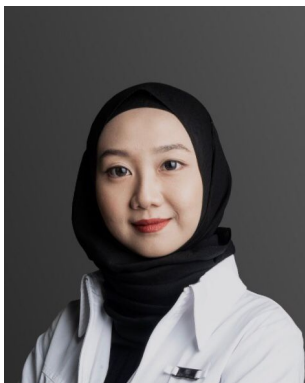
	<ul style="list-style-type: none"> • Q&A and Discussion 	
10:00 CET 16:00 Jakarta	Break	
10:05 CET 16:05 Jakarta	<p>Lab Tour #2: Electrogenic Bacterial Battery for Sustainable Bioenergy Generation</p> <ul style="list-style-type: none"> • Presentation • Lab Tour (live) • Q&A and Discussion 	<p>Dr Hana Chen Wei Jun Research Head - Sustainable Community Development Department of Community Medicine International Medical School Management and Science University</p>
10:35 CET 16:35 Jakarta	Closing	<p>Leonie Nagarajan Representative EURAXESS ASEAN</p>

ABOUT THE SPEAKERS (LAB RESEARCHERS)



Dr Hanifrahmawan Sudibyo

Hanifrahmawan Sudibyo (Hanif) is an Assistant Professor of Chemical Engineering at Universitas Gadjah Mada (UGM) in Indonesia. He obtained his Bachelor's and Master's degree in Chemical Engineering from UGM in 2014 and 2015. In 2018, he received a Fulbright scholarship, paving the way to acquire the M.S. and Ph.D. in Chemical Engineering from Cornell University in 2021 and 2022, respectively. During his time at Cornell, he worked under the direction of Professor Jefferson Tester on wet biomass waste valorization projects funded by the USDOE and USDA. Dr Sudibyo's future research focuses on a systems approach for sustainable biomass waste utilization which involves: 1) the revelation of reaction pathways, kinetics, and thermodynamics of organics and inorganics evolution in the thermochemical liquefaction of biomass waste at near-supercritical water conditions; 2) the intensification of thermochemical processes in the integrated biorefineries; and 3) techno-economic evaluation of valuable compounds synthesis from biomass/biomass waste in an attempt to upcycle carbon and nutrients.



Dr Hana Chen Wei Jun

Dr Hana Chen Wei Jun is currently a Senior Lecturer at the Department of Community Medicine, International Medical School, Management and Science University, in Malaysia. She is a Public Health Expert and completed her Master's degree with distinction from the Management and Science University, which subsequently offered her the position of Lecturer and later the Course Head in the Department of Community Medicine as well as the Research Head for Sustainable Community Development. Dr Chen's main research interests are in sustainable development projects which include sustainable food systems and agriculture, public health nutrition, sustainable energy sources, sustainable approaches for disaster risk reduction and digital health promotion. Currently, her research works expand into the combination of medical science and technology, leading to the achievement of the Sustainable Development Goals and fostering a sustainable future with self-sustainable communities.

ABOUT THE MODERATOR



Dr Ir Grandprix T M Kadja

Grandprix T. M. Kadja is currently an Assistant Professor at the Division of Inorganic and Physical Chemistry, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia. He received his Bachelor of Science Degree in Chemistry from the Universitas Indonesia in 2013, and obtained his PhD in Chemistry from the Institut Teknologi Bandung in 2017. He is a Member of the Indonesian Young Academy of Science (ALMI). Dr Kadja's research focuses on the synthesis and characterization of nanoporous and nanolayered (especially MXene) materials and their applications in the emerging fields of catalysis, renewable energy, separation, and environmental remediation.

ABOUT THE ORGANISERS



EURAXESS

EURAXESS - Researchers in Motion is a one-stop shop for researchers and innovators seeking to advance their careers and personal development by moving to other countries. The programme provides tailored information and support, free of charge, to researchers, entrepreneurs and research performing organisations. Its unique web portal offers job, funding and hosting opportunities, career development guidance and free tools and much more. EURAXESS network counts 43 European countries and 9 worldwide hubs, including the EURAXESS ASEAN hub.

Find out more: <https://euraxess.ec.europa.eu/worldwide/asean>



Southeast Asia-Europe Joint Funding Scheme for Research and Innovation (JFS),

The Southeast Asia-Europe Joint Funding Scheme for Research and Innovation (JFS) is an instrument for the funding of bi-regional, multi-lateral research and innovation projects. The funding for the projects is provided by funding agencies or ministries at national, regional or local level from Southeast Asia and Europe. Each country funds "their own researchers" according to their own rules and in principle there is "no money

crossing borders". On a regular basis Joint Calls for Proposals are being launched in changing thematic areas which are of interest to the participating funders. On 1 December 2023, JFS launched its 2023 Joint Call for Proposals with 2 thematic areas: Circular Economy, and Clean, Accessible and Secure Energy Supply which is still open until 15 April 2024.

Find out more: <https://www.sea-europe-jfs.eu/>

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