

# Global cooperation: Policy enhancement and Strategic promotion



## MSCA-GLOPOL Information Session

De La Salle University, The Philippines  
12 February 2026

### Speaker Biographies

#### De La Salle University, MSCA-GLOPOL Hosting Partner

**Prof Raymond R Tan**

Vice-President for Research and Innovation, De La Salle University

Raymond R. Tan is a Distinguished Full Professor of the Department of Chemical Engineering, a University Fellow, and the Vice-President for Research and Innovation of De La Salle University. He is a Fellow of The World Academy of Sciences and an Academician of the Philippine National Academy of Science and Technology. Prof. Tan works in the areas of process systems engineering and process integration, and is best known as the co-developer of the carbon emissions pinch analysis technique. He has over 600 Scopus-indexed publications with an h-index of 65. He is a founding editor-in-chief of Process Integration and Optimization for Sustainability, an associate editor of Sustainable Production and Consumption, and an editorial board member of other scientific journals. He is also a multi-awarded academic who has been listed in the Scopus database of the

top 2% of the world's scientists since 2019 and in the Reuters "Hot List" of the 1,000 most globally influential climate researchers.

**European Union Delegation****Agata Nowicka**

Head of Political, Press and Information Section, European Union Delegation to the Philippines

Agata Nowicka is a senior policy adviser and diplomat with experience in European and international affairs, spanning national administrations, EU institutions, and the United Nations system. She currently serves as Head of the Political, Press and Information Section at the EU Delegation in the Philippines, where she leads political analysis, strategic communications, and high-level engagement. Previously, Agata worked with the European External Action Service as Policy Officer for the Philippines and Malaysia, and with the Polish Permanent Representation to the EU as a political negotiator covering Asia-Pacific relations. Her career also includes roles at the Polish Ministry of Foreign Affairs, the European Commission, and UN agencies in Geneva. A strategic thinker and skilled negotiator, Agata has deep expertise in EU decision-making, external relations, security policy, and human rights. She is fluent in Polish, English, and French, and holds an MA in European Political and Administrative Studies from the College of Europe in Bruges.

## MSCA-GLOPOL Regional Liaison Officers



**Dr Tatas Brotosudarmo**  
MSCA-GLOPOL Regional Liaison Officer  
ASEAN

Tatas Brotosudarmo is a biochemist at Petra Christian University with over a decade of expertise in strategic planning and management roles, focusing on promoting research, enhancing research capacity, building a community of researchers, and establishing and developing partnerships. He earned several prestigious awards, including the Toray Science & Technology Award 2017, the Study UK Alumni Award 2017, and the Georg Foster Research Fellowship 2019. Notable positions he served include the Director of a National CoE in Photosynthesis Research, Vice President of the Indonesian Young Academy of Sciences for Science and Policy Affairs, and the President of the Indonesian Chemical Society. As the founding chair of the Marie Curie Alumni Association (MCAA) Southeast Asia Chapter, he has been pivotal in nurturing EU-ASEAN research networks. Tatas obtained his Master's Degree from the Ludwig-Maximilian University of Munich and his Doctoral Degree from the University of Glasgow through the Marie Curie Research Training Network. Tatas is also the EURAXESS Worldwide Representative for ASEAN, with the focus countries being Indonesia, Malaysia, Thailand and Myanmar.



**Leonie Nagarajan**  
MSCA-GLOPOL Regional Liaison Officer  
ASEAN

Leonie Nagarajan is an education and sustainability expert. As the former Director of the Education Department at the Asia-Europe Foundation (ASEF), she led large scale programmes on education policies, higher education cooperation, teacher professionalisation, lifelong learning as well as youth leadership across 51 countries in Asia and Europe. Next to her career in international education and education diplomacy, she is the Co-founder of a social enterprise in Singapore that drives circularity in education and focuses on the reduction of greenhouse gas emissions and waste generated in the education system. She received her Masters' Degree in Communication Sciences with minors in Political and Cultural Sciences from the Free University and Humboldt University in Berlin. Leonie is also the EURAXESS Worldwide Representative for ASEAN, with the focus countries being Brunei, Cambodia, Singapore, Philippines, and Vietnam.

## MSCA SE Alumni and MSCA-GLOPOL Expert Speakers



**Prof Sim Siong Fong**  
Faculty of Resource Science & Technology  
Universiti Malaysia Sarawak, Malaysia

Prof Dr Sim Siong Fong received her PhD in Chemometrics from the University of Bristol, UK, and holds a Master's Degree in Business Administration from the University of Southern California for Professional Studies. Her BSc and MSc degrees in Resource Chemistry and Organic Chemistry, respectively, were awarded by Universiti Malaysia Sarawak. Her research focuses on data mining and large dataset analysis in environmental and analytical chemistry, with extensive experience handling data from diverse sources, including archaeological, environmental, and instrumental datasets. Over time, her work has expanded into transdisciplinary applications spanning agriculture, food security, biomedical sciences, and thermal performance optimization. Prof. Dr. Sim has significant experience in establishing collaborative research networks and has led multiple high-impact projects, resulting in publications, patents, and actionable solutions. Her work positions her at the forefront of integrating data-driven science with transdisciplinary problem-solving, driving innovations that generate societal, environmental, and technological impact. Prof Sim is a member of the Coordinated MSCA Promotion Group.



**Dr Quoc Chi Nguyen**

Associate Professor and Vice Dean of Faculty of Mechanical Engineering  
Ho Chi Minh City, University of Technology, Vietnam

Assoc Prof Quoc-Chi Nguyen is a researcher in robotics, intelligent control, and digital manufacturing, currently serving as Vice Dean of the Faculty of Mechanical Engineering at Ho Chi Minh City University of Technology (HCMUT), Vietnam. He also holds a Conjoint Senior Lecturer position at the University of Newcastle, Australia. He received his PhD in Mechanical Engineering from Pusan National University, Korea, with support from the BrainKorea21 scholarship, and later completed a Marie Curie IAPP Postdoctoral Fellowship at Tel Aviv University, Israel. His research focuses on integrating Digital Twin technologies, industrial robotics, and AI-based modeling to address challenges in modern manufacturing systems. He has been particularly interested in combining model-based engineering with data-driven methods to improve system performance, reliability, and adaptability. His recent works include Digital Twin frameworks for machining processes, vision-guided robot manipulation, multi-physics simulation for tool wear prediction, and learning-based motion planning. Assoc Prof Nguyen has published research in journals such as Journal of Sound and Vibration, Scientific Reports, IEEE Transactions on Control Systems Technology, and the Journal of Manufacturing Processes. While his contributions span various aspects of control and robotics, he maintains a strong interest in developing practical solutions that support digital transformation and smart production in industry. He also contributes to the international research community through several service roles. Prof. Nguyen serves as an Associate Editor for the International Journal of Control, Automation and Systems. In addition, he is an active member of the Asian Control Association, where he supports regional collaborations and initiatives that promote advanced research in control theory, robotics, and automation across Asia. He currently leads and participates in several national and international projects related to Digital Twin, intelligent robotics, smart machining, and AI for industrial applications. His collaborations involve academic partners in Asia and Europe, along with industry groups working in precision manufacturing, automation, and intelligent inspection. Through these activities, he aims to foster stronger connections between advanced research and real-world engineering needs. Assoc Prof Nguyen is a member of the Coordinated MSCA Promotion Group.



**Dr Chanchai Boonla**

Assistant Professor, Department of Biochemistry, Faculty of Medicine,  
Chulalongkorn University, Thailand

Chanchai Boonla is an Assistant Professor at the Department of Biochemistry, Faculty of Medicine, Chulalongkorn University in Bangkok, Thailand. He also holds an adjunct appointment at Petra Christian University in Surabaya, Indonesia. He received his PhD from Khon Kaen University, Thailand, and completed his postdoctoral training under the Humboldt Postdoctoral Fellowship at the University of Freiburg, Germany. His overseas research and entrepreneurial training include experience at the University of Manchester (UK), the University of North Carolina at Chapel Hill (USA), Heinrich Heine Universität in Düsseldorf (Germany), and the Royal Academy of Engineering in London (UK). Dr Boonla is involved as a non-European partner in several MSCA Staff Exchange (formerly MSCA-RISE) projects, including OXIGENATED, SUPRO-GEN, THERABOT and ERYSO. He has an H-index of 27. Dr Boonla is a member of the Coordinated MSCA Promotion Group.

## MSCA Alumni from De La Salle University



**Dr Francis M. dela Rosa**

Assistant Professor, Department of Chemistry  
De La Salle University, the Philippines

Francis M. dela Rosa is a tenure-track Assistant Professor at the Department of Chemistry, De La Salle University (Philippines). He obtained dual PhD degrees in Chemical Engineering and Applied Chemistry from the University of Zagreb (Croatia) and in Water Science and Technology from the University of Girona (Spain) in 2023, as a Marie Skłodowska-Curie European Joint Doctorate (MSCA-EJD) fellow under the NOWELTIES programme. He also received specialized research training at the Catalan Institute for Water Research (ICRA). His research focuses on environmental catalysis, advanced oxidation processes, and water treatment, particularly the removal of pharmaceutical contaminants. He is actively engaged in international research collaborations, student mentorship, teaching innovation, and peer review for leading environmental chemistry journals.

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MSCA-GLOPOL is an EU-funded project that strengthens the global dimension of the Marie Skłodowska-Curie Actions by expanding international partnerships and increasing participation from non-EU countries.

**Contact MSCA-GLOPOL Regional Representatives for ASEAN:**

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