

Keynote Speakers / Session Invited Speakers CV

● Photo



● Name and Contact Information

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National Taipei University of Technology

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● Education

1. Ph.D. – Chemical Engineering (2014-2017)
National Taiwan University of Science and Technology (NTUST), Taipei,
Taiwan.
2. Magister of Technic (M.T.) – Chemical Engineering (2011-2013) Sepuluh
Nopember Institut of Technology (ITS), Surabaya, Indonesia.
3. Bachelor of Technic (S.T.) – Chemical Engineering (2008-2012)
Sepuluh Nopember Institut of Technology (ITS), Surabaya, Indonesia.

● Professional Experience

1. 2024.08–present: **Associate Professor**, National Taiwan University
of Technology (NTUT), Taipei, Taiwan
2. 2021.08–2024.07: **Assistant Professor**, National Taiwan University
of Technology (NTUT), Taipei, Taiwan
3. 2018.09–2021.07: **Project Assistant Professor**, National Taiwan

University of Science and Technology (NTUST), Taipei, Taiwan.

4. 2017.10–2018.08: **Postdoctoral Research Fellow**, National Taiwan University of Science and Technology (NTUST), Taipei, Taiwan
5. 2012.08–2014.07: **Process Engineer**, PT. Chevron Pacific Indonesia.

● **Honors and Awards**

1. **Early Career Award** for Outstanding Research in Phase Equilibria and Thermophysical Properties Award from **Journal of Chemical and Engineering Data 2024, 69, 1-2**.
2. **Networking Grant** from Academy of Science between Nottingham University and Loughborough University, UK (**2024 and 2025**)
3. **Best Cover Art** of the December 2023 issue from **Journal of Chemical and Engineering Data (2023-2024)**.
4. **Honor visiting Professor program** between Taipei Tech. (Taiwan) and ULCO (France) (**2023 & 2024**).
5. **112 and 113 Bilateral Taiwan-France Joint Research Program (Orchid-NSTC)**
6. **Honor visiting Professor program** between Taipei Tech. (Taiwan) and KMUTT (Thailand) (**2023 & 2024**).
7. **Best undergraduate oral competition for the special research topics (2023)**
8. **Best Oral Presentation** of Thermodynamics and Program Systems Engineering Symposium (**2023**).
9. **Best poster award**, Khudaida, S.H., Tiwikrama, A. H.* and Lee, M. –J*. Vapor-Liquid-Liquid Equilibria for Binary Mixtures Containing Hydrocarbons (C₆). 68th TwIChE Annual Meeting of Chemical Industry, Kaoshiung, Taiwan (**2021**).

● **Topic of Talk**

A novel generation of sorbents capable of capturing carbon dioxide using ionic liquids and deep eutectic solvents