

## Asia's Premier Chemical Engineering and Chemical Technology Event, TNChE Asia 2023, Just Convened in Thailand

The highly anticipated 2nd Thailand International Chemical Engineering and Chemical Technology (TNChE Asia 2023) conference, organized by the Thai Institute of Chemical Engineering and Applied Chemistry (TIChE), PTT Global Chemical Public Company Limited (GC), SCG Chemicals Public Company Limited (SCGC), and Expositis (SISTAM), has successfully commenced. The event took place from June 20th to June 23rd, 2023, at the prestigious Pattaya Exhibition and Convention Hall (PEACH), situated within the exquisite Royal Cliff Hotel Pattaya in Chonburi Province, Thailand.

Presided over by Dr. Siri Jiraphongpun, the Chairman of IRPC Public Company Limited, TNChE Asia 2023 kicked off at the magnificent Pattaya Exhibition and Convention Hall (PEACH) with an exceptional 2-day conference focused on the theme of "Decarbonization of Process Industry and Next-Generation Materials for Sustainability" attracting renowned professionals, researchers, and industry participants from both Thai and international organizations. Spanning four days, TNChE Asia 2023 aimed to disseminate state-of-the-art research, developments, and innovations essential for achieving carbon neutrality and securing a sustainable future. Following Dr. Siri's Opening Speech and presentation of plaques of appreciation to the 12 event partners, the exhibition hall officially opened the door for a VIP tour of the 45 exhibition booths showcasing the latest advancements and solutions for the process industry.

TNChE Asia 2023 offered a remarkable opportunity for networking and information exchanges, and distinguished conference participants were encouraged to visit the exhibition booths to gain insights into cutting-edge technologies and foster potential collaborations. In fact, the exhibitions served as a hub of inspiration and innovations, complementing the knowledge shared in the conference sessions.

In short, TNChE Asia 2023 featured four key components:

1. Decarbonization of Process Industry and Next-Generation Materials for Sustainability Conference: This comprehensive conference focused on the vital aspects of Decarbonization and sustainable practices in the process industry, featuring enlightening presentations and discussions by industry experts.
2. Community of Practice (CoP) Sharing: A dedicated platform for sharing valuable experiences and best practices, this segment comprised Chemical Process Safety Sharing (CPSS) #11, Digital Technology for Smart Industry #4, Process Scale-up Sharing #2, and Energy Saving and Optimization #3. Participants not only learned from the others' real-world experiences but also engaged in collaborative discussions within these specialized areas.

3. TNChE Asia 2023 Exhibitions Showcasing Technology and Innovations: This platform highlighted the latest advancements in process technology, process equipment, process automation, and digital technology. Attendees explored exhibits, interacted with industry professionals, and engaged in in-depth discussions to gain valuable insights.
4. Engineering Intensive Training: Participants interested in enhancing their competency could choose from a range of training courses in essential chemical engineering. The courses covered a variety of topics such as distillation techniques, simulation model development for CO<sub>2</sub> emission reduction, PFD-P&ID and basic design of process plants, pneumatic conveying system design, and process safety for non-process safety engineers. Upon completion, attendees received certificates recognizing their newly acquired expertise.

Additionally, TNChE Asia 2023 hosted a Student Chapter Workshop, providing a platform for chemical engineering students to expand their knowledge and engage with industry experts. The workshop included interactive sessions, case studies, and networking opportunities, offering valuable insights and guidance for the next generation of chemical engineers.

Distinguished professionals and renowned keynote speakers graced the event with their expertise and insights. A former U.N Assistant Secretary-General, Professor Nay Htun of Stony Brook University, USA, shared insights on the expeditious transition towards a safe, resource-efficient, and decarbonized future. Dr. Wannee Chinsirikul, Executive Director, and Dr. Kajornsak Fuangnawakij, Director of Nano-catalysis and Molecular Simulation Research Group at NANOTEC, NSTDA, revealed the current situations and roles of Carbon Capture, Utilization, and Storage (CCUS) in Thailand's journey towards carbon neutrality. The third keynoter, Mr. Loganathan Ravisanker, Technology & Business Development Director at Dow Inc., delivered an insightful presentation on enabling sustainable and low carbon mobility through next-generation materials.

The 4-day TNChE Asia 2023 attracted over 2,300 participants (On-site: 97%, On-line: 3%) from 249 companies worldwide, including 12 event partners, 33 exhibitors, and 19 sponsors. An executive networking dinner hosted high-level representatives from 40 companies, further enriching the collaborative atmosphere.

For more information about TNChE Asia 2023, please visit the official website at <https://tiche.org/tncheasia2023>.

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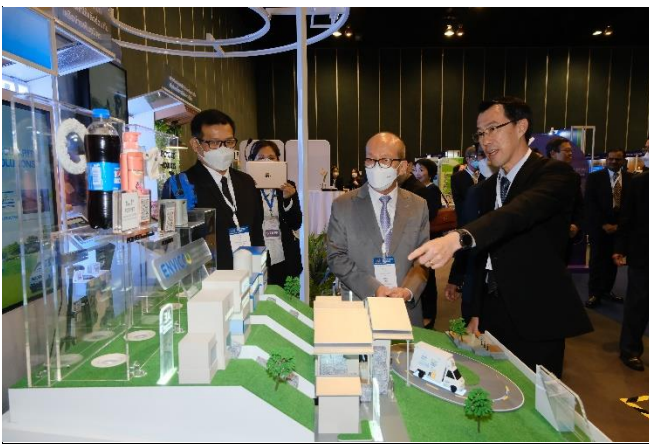
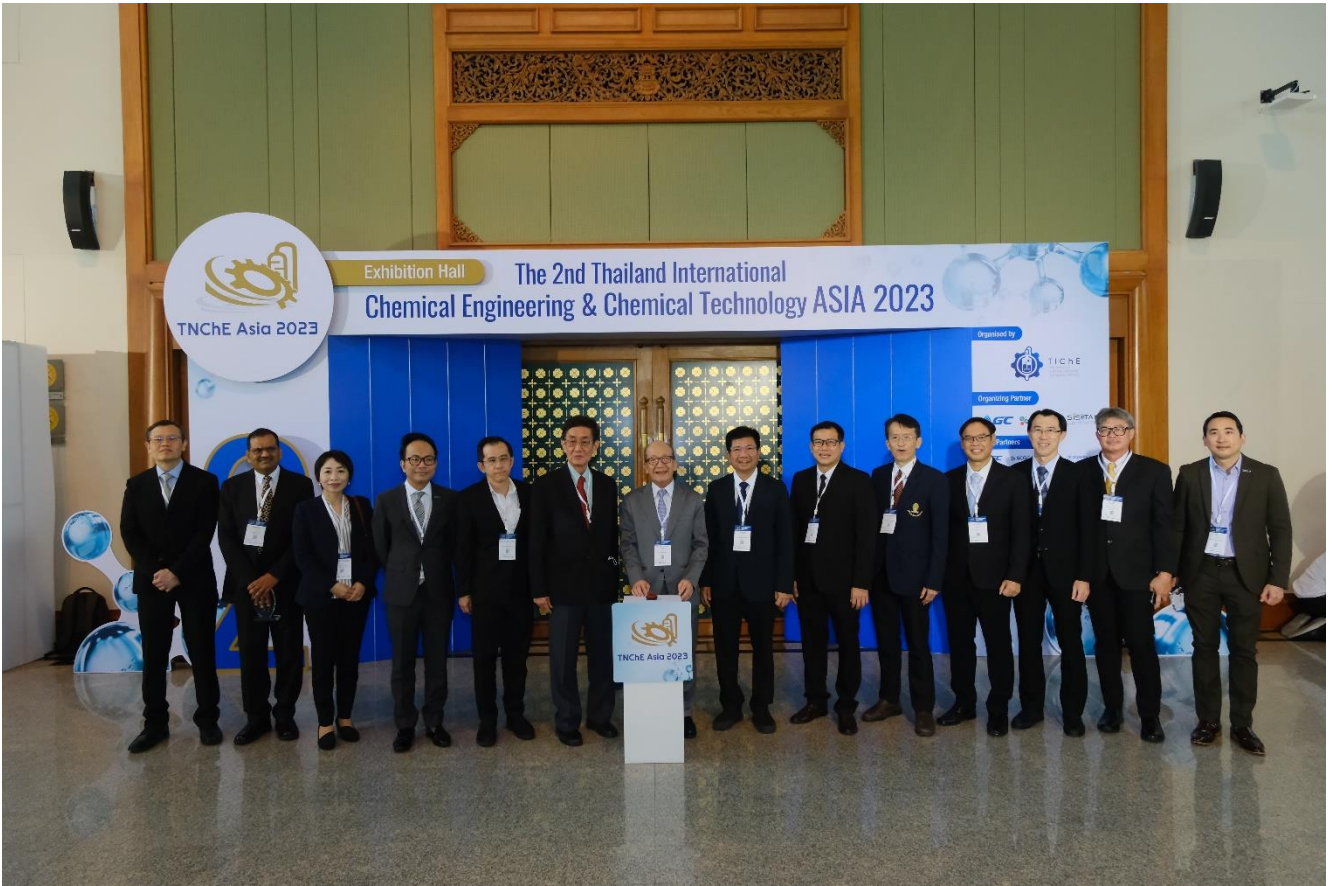


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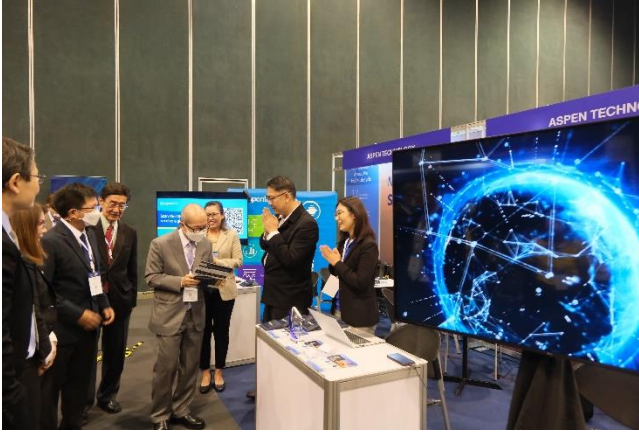
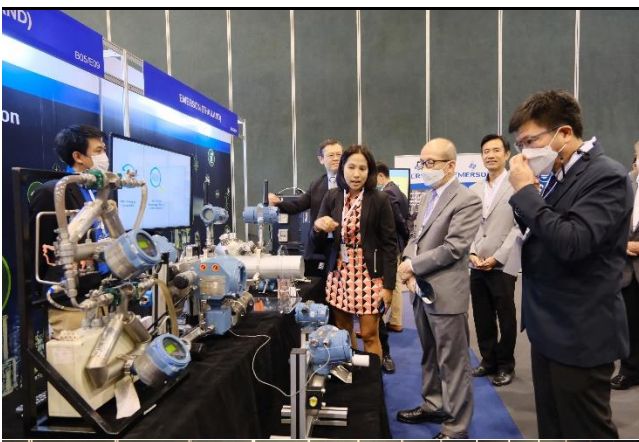
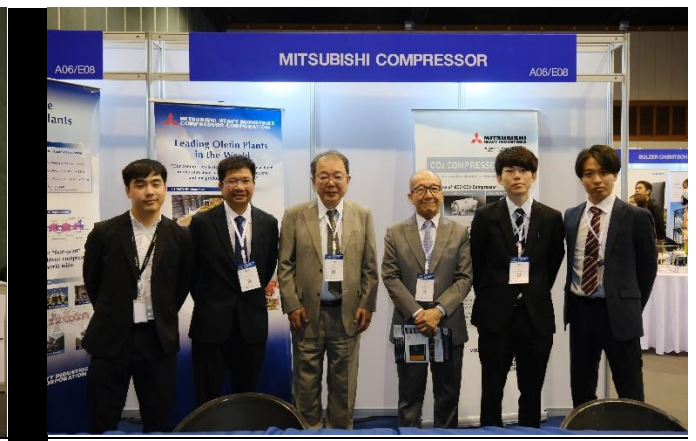
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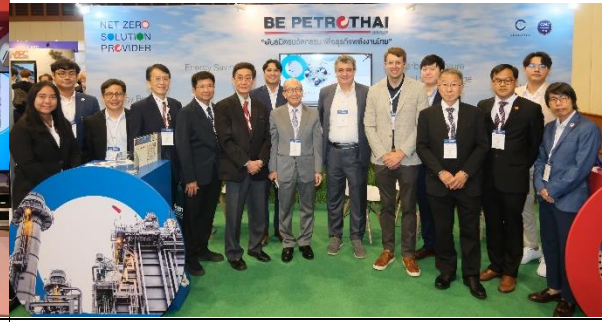
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