



# ASCON-IEEChE 2018

Sun Moon Lake, Taiwan

Courtesy of Tourism Bureau, Taiwan

**30th Anniversary ASCON 1998-2018**



## 6th Asian Conference on Innovative Energy & Environmental Chemical Engineering

The 16th Asian Conference on Fluidized-bed and Three-phase Reactor

4-7 November 2018 Fleur de Chine, Sun Moon Lake, TAIWAN

# First Circular Call for Papers

### Welcome to ASCON

The 6th Asian Conference on Innovative Energy and Environmental Chemical Engineering (ASCON-IEEChE) is the sixteenth in a series of Asian Conference on Fluidized-bed and Three-phase Reactor, first held at Tokyo in 1988. In 2018, the 6th ASCON-IEEChE will be held in Sun Moon Lake, Taiwan. In continuation of the previous ASCON, we welcome every chemical engineer and scientist who is working in or interested in not only the science and engineering of fluidized-bed and multi-phase reactors but also a wide area of the energy and environmental issues.

### Conference Venue and Date

The conference will be held from 4th to 7th November, 2018 at Fleur de Chine in Sun Moon Lake, Taiwan. Detailed information on the Conference and Fleur de Chine Hotel are available at <http://www.ascon2018.org.tw> and <http://www.fleurdechinehotel.com/en/index.php>

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- Ministry of Science and Technology, Taiwan
  - Bureau of Foreign Trade, MOEA, Taiwan
- Other sponsors will appear in the next circular.

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Feng Chia University, Taiwan

### Co-organizers

- The Society of Chemical Engineers, Japan
- The Korean Institute of Chemical Engineers
- The Taiwan Institute of Chemical Engineers
- The Chulalongkorn University, Thailand

### Domestic co-organizers

- National Chung Hsing University, Taiwan
- National United University, Taiwan
- Taiwan Sustainable Environment and Eco-energy Development Society

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Feng Chia University, Taichung, Taiwan

*More Committee Members may join in the future.*

## Topical Areas

- Fluid Dynamics in Fluidized Beds and Multi-Phase Reactors
- Energy Conversion
- Combustion, Gasification and Pyrolysis in Fluidized Beds
- Environmental Protection
- Catalytic Conversion and Materials
- Biomass and Biofuels
- Hydrogen
- Membrane Separation
- Carbon Capture & Storage (CCS)
- Project and Program Management
- Engineering Education

*If you are not sure whether your topic is relevant to the scope of this conference, please send your inquiry to the Conference Executive Secretary (Dr. Keng-Tung Wu, wukt@nchu.edu.tw). Thank you very much indeed.*

## Important Dates

- May. 01, 2018** Deadline for receipt of **one-page abstract**. Use the **online submission system** (<http://www.ascon2018.org.tw>) to register and submit your abstracts.
- Jun. 01, 2018** Notice to the corresponding author for **acceptance** of each paper with instructions for preparation of camera-ready manuscript to be published in the proceedings.
- Sep. 03, 2018** Deadline for receipt of **camera-reader manuscript (the final version)** for the proceedings to the secretary of the conference.
- Nov. 04, 2018** Publication of the Proceedings.
- Nov. 4-7, 2018** ASCON-IEEChE 2018 Conference.

## Publication

All of the papers accepted for presentation at the conference will be published in the proceedings of the conference, which will be distributed at the conference site. Oral and poster presentations will be considered equally in the publishing.

The authors are encouraged to submit their papers for consideration to publish in an *ASCON-IEEChE Special Issue of Journal of Taiwan Institute of Chemical Engineers* after peer review processes. Details will be informed to authors in the future.

## Registration fee

	Before 31 Aug., 2018	After 31 Aug., 2018
Participant	US\$ 500	US\$ 600
Student	US\$ 300	US\$ 400
Spouse	Gratis	

*Registration fee includes the technical program, one copy of conference proceedings, local transportation and technical visit (social events), but not accommodation and insurance fees.*

## Abstract submission

Every submitter is requested to submit the abstract using the **online submission system** at <http://www.ascon2018.org.tw> with the following information:

1. Title of paper
2. Name(s) of the author(s)
3. Name of corresponding author

4. Affiliation of corresponding author
5. Physical address of corresponding author
  - 5.1. Number
  - 5.2. Street
  - 5.3. City Street
  - 5.4. Postal code
  - 5.5. Country
  - 5.6. Phone number
  - 5.7. Facsimile (if available)
  - 5.8. E-mail address
6. Preferred type of presentation (Oral or Poster)
7. If you wish to publish your paper in the *ASCON-IEEChE Special Issue of Journal of Taiwan Institute of Chemical Engineers*, please indicate it.
8. Abstract of paper (within about 200 words)

### Time Schedule (Tentative)

Date	Sunday 4 Nov., 2018	Monday 5 Nov., 2018	Tuesday 6 Nov., 2018	Wednesday 7 Nov., 2018	
Morning Session		Keynote Speech x 2	O7	O8	
		O1 O2 O3	O9	O10	
		Lunch			Technical Visit and Discussion (incl. Lunch & Dinner)
Afternoon Session	Registration	O4 O5 O6	O11	O12	
		Technical Visit and Discussion (incl. Dinner)	Poster Session		
	Welcome Reception		Farewell Banquet		

O: Oral presentation Sessions.  
 \* Accompanying Family Program is on 6 Nov., 2018.

### Contact

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 Website: <http://www.ascon2018.org.tw>



### About Sun Moon Lake

Sun Moon Lake is the largest lake in Taiwan, and is comprised of the diamond-shaped Sun Lake and curved Moon Lake. The Thao people call it "zintun" which may have been the earliest name given to Sun Moon Lake. The earliest record of the name "Sun Moon Lake" was in the article, "Travels to Shueilishe", written by Deng Chuan-an in 1821, which said, "I have no idea where the water comes from. It is about 10 li (half a kilometer) in length, and a third of that in width. The water is red and green, so it is named Sun Moon Lake." After the Han people came to reclaim the Shueishalian land, Sun Moon Lake was given more names, such as Shueishe Large Lake, Shueili Lake, Shueilish Lake, Shueishehaizih, Bamboo Lake, Dragon Lake and so on. In the late Cing Dynasty, the western missionaries came to Sun Moon Lake to share their faith with the Thao people. They named Sun Moon Lake "Dragon Lake", "Lake Candidius", "Nin-Isivatan Lake", etc.

The Sun Moon Lake National Scenic Area is praised for its five major recreational systems, including the lake, Shueili River, Puli, Jhuoshuei River, and Jiji. The surrounding areas stretch to cover known tourist spots including Taumi, Checheng, Jiji, Shueisheda Mountain, Sangyong Falls, Mingtan Reservoir, and Shueili River.

Divided by Lalu Island, the Sun Moon Lake scenic area got its name from the unique terrain that looked like a sun on one side and a crescent moon on the other. Crowned as one of the Eight Wonders of Taiwan, Sun Moon Lake is also the most famous source of hydroelectric power; offering key tourist themes - "high mountain and lake", "indigenous culture", and "nature ecology," the Sun Moon Lake Scenic Area attracts more than six million visitors each year.

Sun Moon Lake features the only full-range 3D tours (lake, sky and land) in Taiwan. The lake cycling trail has been recognized by CNGO, CNN as one of the most beautiful cycling trails in the world. Top scenic spots in the lake area include Lalu island, Wenwu Temple, Cien Pagoda, Lalu Island, Syuentzang Temple, Xian Mountain, Yongjie Bridge, Tongxin Bridge, Christian Church, Meihe Garden, Formosan Aboriginal Cultural Village and Snake Kiln, and the 14 lake trails are the top choices for sightseeing and leisure activities; specialty recreational locations in surrounding areas include (organized based on tour theme): Jiji and Checheng (Railway Nostalgic Trip); Dili and Sangyong (Indigenous Village Tour); Lugao and Seshui (Black Tea Pottery Tour) and Puli Taumi and Toushe Live Basin (Nature and Ecological Tour).

Source: Sun Moon Lake National Scenic Area Administration, Tourism Bureau, Taiwan



#### Information of Sun Moon Lake

- 中文 <https://www.sunmoonlake.gov.tw/#1>
- English <https://www.sunmoonlake.gov.tw/English/#1>
- 日本語 <https://www.sunmoonlake.gov.tw/Japanese/#1>
- 한글판 <https://www.sunmoonlake.gov.tw/Korea/#1>