

# ICIM 16

THE 16TH INTERNATIONAL CONFERENCE  
ON INORGANIC MEMBRANES

TAIPEI, June 28 - 30, 2022

## Chairman

Kuo-Lun (Allan) Tung, National Taiwan University

## Co-Chairs

Yi-Feng Lin, Chung Yuan Christian University

Kevin Chia-Wen Wu, National Taiwan University

## Secretary

Jeffery Chien-Hua Chen, National Ilan University

## Conference Venue

The Taipei International Convention Center (TICC), the conference venue of ICIM 16, is located at the foothills of the eastern Hsin-Yi District where houses many landmark buildings, including the Taipei City Hall, the Taipei City Council, the National Sun Yat-Sen Memorial Hall, the Taipei World Trade Center, and one of the world's tallest buildings, Taipei 101.



## ICIM 16 Topics

The conference program will address a range of contemporary inorganic membrane topics including (but not limited to):

### Membrane Types

- » Ion transport membranes
- » Metal-organic framework (MOF) membranes
- » Zeolite membranes
- » Metallic membranes
- » Metal oxide/ceramic or Siliceous membranes
- » 2D (e.g., graphene/GO/layered zeolite) and 1D (e.g., nanotube) membranes
- » Hybrid/mixed matrix membranes

### Application Areas

- » Light gas separations (e.g., CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>)
- » Hydrocarbon gas separations
- » Hydrocarbon liquid separations
- » Organics-from-water(including biorefinery) separations
- » Isotope or nuclide separations
- » Water treatment (e.g., desalination, decontamination, processed water)
- » Biomolecule/biochemical separations
- » Membrane reactors
- » Membrane contactors or other hybrid processes
- » Membrane-based sensors and analytical devices

### Technical Areas

- » Membrane growth/fabrication and characterization
- » Membrane transport measurements
- » Membrane transport modeling/simulation
- » Membrane scale-up, piloting, or industrial use
- » Membrane process design and economics





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**FIRST ANNOUNCEMENT**

The International Conference on Inorganic Membranes (ICIM) is the premier international meeting in the area of inorganic membranes. ICIM is organized every other year devoted exclusively to the science and technology of inorganic membranes. The former conferences provided excellent opportunities for researchers from academia and industries to report and discuss the fundamentals and applications of inorganic membranes. ICIM 16 will continue this tradition.



**WWW.ICIM2020.ORG**

1st Montpellier 1989

2nd Montpellier 1991

3rd Worcester 1994

4th Gatlinburg 1996

5th Nagoya 1998

6th Montpellier 2000

7th Dalian 2002

8th Cincinnati 2004

9th Lillehammer 2006

10th Tokyo 2008

11th Washington 2010

12th Enschede 2012

13th Brisbane 2014

14th Atlanta 2016

15th Dresden 2018

**16th TAIPEI 2022**