

Final Program
8th International Symposium on Inorganic Membranes
(ISIM8)

6th to 7th July 2018

The University of Queensland, Brisbane

Sponsored by:



6th July – Symposium Dinner

Aquitaine South Bank (speakers, guests and committee)

7th July – Symposium Talks

Instructions to travel from South Bank to ISIM8 venue at University of Queensland (UQ):

Please meet at the lobby of the Rydges Hotel South Bank at 8:15am. We will then make a short walk to the City Cat South Bank terminal to catch the 8:51am ferry to UQ. Please be ready to buy a ticket for \$4.70 AUD.

10:00 to 10:10

ISIM8 Welcome - Prof Joe da Costa (The University of Queensland)

10:10 to 10:40

Speaker 1 - Prof Mikihiro Nomura (Shibaura Institute of Technology, Japan)

“High Flux MFI Membranes Prepared on Porous Silica Substrates”

10:40 to 11:10

Speaker 2 - Prof Fauzi Ismail (Universiti Teknologi Malaysia)

“Carbon Membrane for Gas Separation”

11:10 to 11:40

Speaker 3 - Dr Julius Motuzas (The University of Queensland, Australia)

“Membrane Percrystallisation Process – a Novel Approach for Production of Dry Mineral, Food and Pharmaceutical Compounds”

11:40 to 12:10

Speaker 4 – Mr Lavern Tendayi Nyamutswa (Victoria University, Australia)

“Proof of Concept Light Conducting Membrane Substrate for UV-activated Photocatalysis as an Alternative to Chemical Cleaning”

12:10 to 13:10

Lunch

13:10 to 13:40

Speaker 5 - Dr B Chakravorty (Genesis Membrane Sepratech Pvt. Ltd, India)

“Production of Ceramic Membranes for Industrial Applications in India”

13:40 to 14:10

Speaker 6 – Prof Wanqin Jin (Nanjing Tech University, China)

“Inorganic Membrane Performing Blood Separation and Sensing Synchronously”

14:10 to 14:40

Speaker 7 - Prof Hui-Hsin Tseng (Chung Shan Medical University, Taiwan)

“Recent Progress in Carbon Membranes For Gas Separation and W/O Emulsion Separation”

14:40 to 15:00

Break

15:00 to 15:30

Speaker 8 - Prof Churl-Hee Cho (Chungnam National University, Korea)

“Formation mechanism of hierarchical CHA zeolite microsphere and the application to synthesis of CHA zeolite membranes for solvent dehydration”

15:30 to 16:00

Speaker 9 - Prof Tomohisa Yoshioka (Kobe University, Japan)

“Gas Permeation Properties of Microporous Ceramic Membranes; Molecular Simulation and In-Situ Characterization of Sub-Nano Porous Structures”

16:00 to 16:30

Speaker 10 – Prof Mohd Hafiz Dzarfan (Universiti Teknologi Malaysia)

“Inexpensive Ceramic Hollow Fibre Membranes: Fabrication and Applications for Water Treatment”

16:30 to 16:50

Closing remarks (Dr Simon Smart)

Chairs of ISIM8

Dr Simon Smart (University of Queensland)

Prof Mikel Duke (Victoria University)

Prof Joe da Costa (University of Queensland)

Organising Committee

Dr Julius Motuzas, University of Queensland

Dr Rijia Lin, University of Queensland