Registration fee

For Day 1: Theory session only
RM 250   Student rate
RM 350   Normal rate

For Day 1 and Day 2: Theory + Hands-on sessions
RM 350   Student rate
RM 450   Normal rate

Fee is inclusive of GST.
Fee covers workshop materials, certificate, tea breaks and lunch.

Registration deadline: 23 August 2018

Note: Workshop fee does not cover travelling and accommodation expenses.

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ZEOLITES AND ZEOTYPES
MICROPOROUS MATERIALS:
FUNDAMENTALS, SYNTHESIS, AND
APPLICATIONS IN MEMBRANES

Date    : 29 – 30 August 2018
Venue   : Conference Room,
          School of Chemical Sciences,
          Universiti Sains Malaysia,
          Penang.

In collaboration with:

UnivSains
(wholly-owned by Universiti Sains Malaysia)
(Co. No. 473883-H)
*HRDF: 0159
Introduction

Zeolites are important materials with unique properties. Hence, acquiring knowledge about zeolites is vital for scientists and engineers before utilising these nanoporous materials in real applications.

This workshop focuses on the fundamentals, synthesis, characterisation and applications of zeolites in membrane and catalysis. It covers the importance of careful selection of initial reactants, with an emphasis on the synthesis and structures of zeolites. The remarkable properties of zeolites and the synthesis of zeolite membrane using different strategies are also discussed.

This course will also provide hands-on experience on the synthesis of common types of zeolites to help scientists and engineers enhance their zeolite synthesis skills. The membrane samples and experimental set-up will also be demonstrated to improve the participants' understanding on the synthesis of zeolite membrane.

Tentative

Day 1:

Registration

8.30 – 9.00 am

Assoc. Prof. Dr. Ng Eng Poh


9.00 – 10.30 am

 Assoc. Prof. Dr. Ng Eng Poh

Tea break

10.30 – 11.00 am

Assoc. Prof. Dr. Ng Eng Poh


11.00 – 12.30 pm

Lunch

12.30 – 2.00 pm

Assoc. Prof. Dr. Leo Choe Peng

“Zeolite membranes synthesis strategies and problems.”

(Part 1)

2.00 – 3.30 pm

Tea break

3.30 – 4.00 pm

Assoc. Prof. Dr. Leo Choe Peng

“Zeolite membranes synthesis strategies and problems.”

(Part 2)

Day 2:

8.30 am – 1.00 pm

Hands-on session

Speakers

Assoc. Prof. Dr. Ng Eng Poh received his BSc (1st Class Hons.) in Industrial Chemistry and MSc in Chemistry from Universiti Teknologi Malaysia. He obtained his PhD in 2009 from the University of Upper Alsace, France and was appointed as a senior lecturer by Universiti Sains Malaysia in 2010. His main research is devoted to the synthesis, characterisations and applications of microporous and mesoporous silica-based materials for catalysis and new applications. Currently, he has published more than 70 peer-reviewed papers and his H-index is 20.

Dr. Leo Choe Peng is an Associate Professor at School of Chemical Engineering, USM. Her research focuses on the engineering aspects of membrane innovations for various industrial problems. She has published more than 100 scientific papers in the indexed journals and the conference Proceedings with an H-index of 17 in SCOPUS. Her scientific works were funded by the Royal Society, American Chemical Society, Sime Darby, Malaysian Technology Development Corporation and the Ministry of Higher Education Malaysia.

Who should attend?

• Chemistry/Chemical Engineering students
• Materials Scientists/Engineers
• Industrialists
REGISTRATION FORM
Participants can register via email or by fax.

Name:

Position:

Organisation and address:

Phone:

Email:

Dietary restrictions (Please tick):

- None
- Vegetarian
- Others: ____________________________

Session chosen:

- Day 1 session (RM 350/RM 250*)
- Day 1 and Day 2 sessions (RM 450/RM 350*)

* Student rate (attachment of proof is required).

Payment:

Payee Name: USAINS HOLDING SDN BHD
Name of Bank: AmBank (M) Berhad
Account No.: 888-100-985-0380

- Electronic Fund Transfer (EFT)
- Bank-in
- Local Order (LO)/ Purchase order (PO)
- Cheque (only company cheque will be accepted)

Note: Please attach the proof of payment.
Cancellation/ substitution: No refund will be given for cancellation. However, substitute participants are welcomed at no extra charge.

Disclaimer: The Organizer reserves the right to reschedule or cancel any part of its published programme or venue due to unforeseen circumstances and will not accept any liability for costs incurred by participants or their organizations for the cancellation of travel arrangements and/or accommodation reservations because of the course being cancelled or postponed. Advance notice will be given if there is such a change or cancellation.