



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Talk On Microfluidic Technology: Theory and how it can transform industrial practice

Organised by Chemical Engineering Technical Division
BEM Approved CPD/ PDP Hours: 2 Ref No: IEM15/HQ/180/T

Date : 12 AUGUST 2015 (Wednesday)
Time : 5.30 p.m. – 7.30 p.m.
Venue : Auditorium Tan Sri Prof. Chin Fung Kee,
Third Floor , Wisma IEM, PJ
Speaker : Dr. Jitkai Chin,
University of Nottingham Malaysia Campus

SYNOPSIS

Since microfluidic technology was introduced nearly two decades ago, it has attracted attention from researchers around the world because of its unique features of miniaturisation – reduced raw material consumption and waste generated, large surface area to volume ratio and etc. In recent years, the technology has been introduced and adapted by pharmaceutical and food industries to improve product quality and energy efficiency. In this talk, the important theories of microfluidic technology will be introduced with examples of application. The talk is suitable for chemical engineers, mechanical engineers as well as electrical and electronic engineers.

BIODATA OF SPEAKER



Dr Jitkai Chin obtained his BEng (Hons) in Chemical and Process Engineering with Biotechnology and PhD from Department of Chemical and Process Engineering, University of the Sheffield, UK in 2001 and 2007 respectively. He was appointed Assistant Professor in University of Nottingham Malaysia Campus in 2007. He was then promoted to Associate Professor in 2011 with 15 ranking international journal papers and awards behind him. His research interests including the droplet microfluidics, microthrusters, propellants and graphene.

ANNOUNCEMENTS

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). (Telephone and/or fax reservation will NOT be entertained)
- Non-members may also attend the talk and will be charged a registration fee of RM50 and administrative fee of RM15.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
IEM members who fail to produce their membership cards will be charged a fee of RM20.00.

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Please be informed that IEM will be charging participants RM15.00 administrative fee for talks organized by IEM. Student members are however exempted.
- The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM.

Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

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