

SEMINAR ON

MEMBRANE TECHNOLOGY & APPLICATIONS FOR WATER, ENERGY AND ENVIRONMENT

SPEAKERS



Professor Kang Li
Imperial College London

Professor Li has been a Professor of Chemical Engineering at Imperial College London since 2007. He has supervised 28 PhD students to completion as well as having supervised 16 post-doctoral researchers. He conducts a multidisciplinary research in material processing and membrane fabrication for fluid separation and reaction, energy conversion and environmental protection. He was elected as a Fellow of the Institution of Chemical Engineers in 2006 and received Rector's Award and Research Excellence Award at Imperial in 2007. His commitment to work at interdisciplinary boundaries is evidenced by his involvements as an editor in *Current Opinion in Chemical Engineering*, as editorial board members of *Journal of Membrane Science*, *Journal of Chemical Technology and Biotechnology*, *Wiley and Polymers*, as well as a guest editor in *Reactive and Functional Polymers*. Professor Li has published over 240 research papers in international referred journals with h-index of 42 and has authored a book on *Ceramic Membranes for Separation and Reaction* (Wiley 2007).



Professor Dr. Nik Meriam Binti Nik Sulaiman
University of Malaya

Professor Nik Meriam obtained her Bachelor's and Master's degrees in Chemical Engineering from UNSW Australia. She went on to pursue her PhD in Biochemical Engineering in Birmingham University UK. She joined UM as an academic staff in 1983 and has now served as an active member of the academic community for more than 30 years. Her tenureship in UM has spread beyond academic teaching and research. She has been entrusted with several administrative portfolios including as founder Dean of Sustainability Science research cluster. Her research interests have always been grounded in the environment with a special leaning towards the participation of engineers for a sustainable future. Membrane technology has always been a core separation research focus mainly dealing with the applications of membrane technology to provide separation process solutions for local industries such as fruit juice, rubber and batik industries.



Professor Dr. Mohamed Kheireddine Ben Taieb Aroua
University of Malaya

Professor Mohamed Kheireddine Aroua is a senior Professor at the Department of Chemical Engineering and the Deputy Dean at the Institute of Graduate Studies, University of Malaya, Malaysia. He is also heading the Center for separation Science and Technology (CSST). His research interests include CO₂ capture, applications of membrane processes, electrochemical processes using activated carbon, biodiesel production and conversion of bioglycerol to value added chemicals. His research team recently developed a self-cleaning solar powered mobile Ultrafiltration Unit that is currently used to produce clean water during emergencies and to remote areas in Malaysia. He published more than 130 papers in ISI ranked journals with more than 3000 citations. His h-index is 30.

1st JUNE 2016 (WEDNESDAY) | 8.30 AM—1.00 PM
THE PURPLE CUBE,
DEPARTMENT OF CHEMICAL ENGINEERING,
BLOCK V, FACULTY OF ENGINEERING,
UNIVERSITY OF MALAYA

WHO SHOULD ATTEND

Academicians, researchers, post graduate students, scientists, engineers and those who are active in this field or interested in membrane technology and applications.

TENTATIVE PROGRAMME

8.30 AM	Registration
9.00 AM	Opening remarks
9.15 AM	Session 1 Fundamental Aspects of Membrane and Its Application — <i>Prof. Kang Li</i>
10.45 AM	Refreshment
11.00 AM	Session 2 Membrane technology solutions for water-energy-environment NEXUS — <i>Prof. Dr. Nik Meriam</i>
11.45 AM	Session 3 Ultrafiltration Membrane for Disaster Relief and Clean Water Supply in Rural Area — <i>Prof. Dr. Mohamed Kheireddine</i>
12.30 PM	Closing remarks
1.00 PM	Lunch

REGISTRATION FEE

RM 200 per participant includes seminar materials, refreshment, lunch and certificate of participation



ENQUIRIES

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