



Advanced Membrane
Technology Research Centre



MEMBRANE WORKSHOP WITH INDUSTRIAL EXPERTS

8 April 2019 (Monday) | 8.30 am - 4.30 pm

 N29a, Advanced Membrane
Technology Research Centre (AMTEC),
Universiti Teknologi Malaysia (UTM)



SPEAKERS:

DR. DEVARAJ VEERASAMY

Principal Consultant of Suraaj Mahir Consultancy (SMC)

MRS. FARAHILA KADIRKHAN

PETRONAS Research Sdn. Bhd. (PRSB)

MR. GAN TECK YEOW

Managing Director of Kubota Kasui Malaysia Sdn Bhd.

FEES:



Students - RM 400 (RM 300)

Lecturers - RM 500 (RM 400)

Industry - RM 600 (RM 500)

*(MyMembrane Member Discount)

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Registration deadline:
31 March 2019

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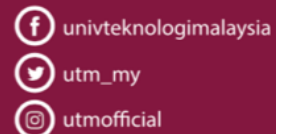
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DR. DEVARAJ VEERASAMY obtained his PhD in Chemical Engineering from Universiti Teknologi Malaysia (UTM), is currently the Principal Consultant of *Suraaj Mahir Consultancy (SMC)* of Malaysia which provides advisory services and technical support in environmental management, focusing on rubber processing and products manufacturing industries. He was a Senior Scientist and Head of Environmental Technology and Sustainability Programme of the Malaysian Rubber Board (MRB), before his retirement in June 2015, after serving 37 years for the Malaysian Government. He is currently appointed as a Member of the Panel of Experts for Recycling, Harvesting and Extraction of Water to Malaysian Rubber Export Promotion Council (MREPC). He has been a technical consultant, academic and industrial supervisor for post-graduate students of Malaysian universities and Prince of Songkhla University (PSU), Thailand. His consultancy services in Southern Thailand involve revolutionizing raw rubber processing factories to adopt membrane separation processes for mitigating environmental degradation and value add to rubber produces. To date, he has published more than 80 research articles in journals, conference proceedings, and two book chapters on process improvement, cleaner processing technique, minimization, and utilization of waste and treated wastewater recycling, mainly focusing on the rubber industry. He has one major patent granted in 2016 and 4 international patent applications, pending. His appointment to the Editorial Board of the *ISI Impact Factor* citation indexed *Journal of Rubber Research* (established in 1940) is a manifestation of prolific publication of scientific articles and conference proceedings.

FARAHDILA BINTI KADIRKHAN starts her career in 2004, as Chemical Engineer at Process Technology Group in PETRONAS Research & Scientific Services Sdn Bhd. In 2006, she was appointed as project leader for Development of High CO₂ Gas Field by using Membrane and Cryogenic Technologies under Novel Process & Advanced Engineering, Research & Technology Division. This is the starting point in her career journey as membranologist which continuous for 12 years until today. In 2013, she was given responsibility as program leader for Advanced Membrane Program under CO₂ Management R&D department. During this period, several patents and publications have been generated, some awards have been granted, several lab and pilot units have been fabricated, higher technology readiness level have been achieved including resources upgrading in term of manpower capability development and facilities establishment. Currently, she is a Technical Professional for Gas Sustainability Technology R&D Surface Programs under Group Research & Technology Division who is the technical resource for membrane R&D projects for removal of gas impurities including CO₂, N₂, H₂S & qualification of subsea membrane.

GAN TECK YEOW is currently the Managing Director of Kubota Kasui Malaysia Sdn Bhd. This company operates under Kubota Kasui Corporation - one of the leading environment engineering companies in Japan. Mr Gan has many years of industrial experiences and is an expert in the field of water and wastewater treatment using membrane technology. He has worked on projects that could offer reliable services with high quality but lower cost by adopting the system and technologies from Japan while fully utilizing local resources.

TENTATIVE:

Time	Activities
8.30 am	Registration
9.00 am	Welcoming Speech
9.10 am	Speaker 1: Mr. Gan Teck Yeow (Kubota Kasui) MBR for Sewage Treatment
10.10 am	Tea Break
10.40 am	Speaker 2: Dr Devaraj Veerasamy (SMC) Green Processing in Rubber Industry via Membrane Separation Technology
11.40 am	Speaker 3: Mrs. Farahdila Kadirkhan (PRSB) Towards Commercialization: Challenges in Scaling Up Lab Scale Membrane for Field Performance Evaluation
12.40 pm	Lab Tour (AMTEC)
1.15 pm	Lunch
2.30 pm	Visit to Membrane Bioreactor (MBR) Pilot System for Sewage Treatment
4.00 pm	Tea Break
4.30 pm	Closing & Certificate Collection



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Contact Person: Assoc. Prof. Dr. Lau Woei Jye (lwoeiye@utm.my)

For more information, browse our website: www.amtec.utm.my

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