



malaysiaGBC

ARC REACTOR 2021

In Conjunction with Earth Day 2021



5 MAY 2021
9:00 am - 1:00 pm
Virtual via ZOOM



Register Now!
<http://bit.ly/ArcReactor2021>

Contact Us

Ms. Ana
membership@mgbc.org.my

Established Member of



malaysiaGBC Platinum Partner 2020/2021



malaysiaGBC Silver Partner 2020/2021



Academic Research Collaboration Reactor Programme (ARC Reactor)

REGISTRATION FEE

malaysiaGBC Member	malaysiaGBC Junior Member	GBI Facilitator/ Affiliated Member	Non - Member	Student Non-Member (Under Graduate)
RM26.50	FREE	RM53	RM106	RM26.50

OVERVIEW

The aim of this ARC Reactor is to promote 'real' research partnership between researchers at universities and their relevant counterparts in the industrial setting. The ARC Reactor is envisioned not only to promote the green building industry to the relevant stakeholders and society at large, but also to a certain degree, support its realisation by accommodating the right avenues and platforms for university-industry collaborations to nurture and grow.

OBJECTIVE

- Matchmaking Research and Grant Opportunities to the specific Parties between academia and Industry
- Creation of an Eco System to improve the general culture of Research and Development in Malaysia
- Creating an online directory of Research Areas so that collaboration in terms of research between universities are easier to facilitate as well reducing overlap of research.
- Pursue national and International grants under the umbrella of malaysiaGBC or multi-university/multi-industry consortium.

Academic Research Collaboration Reactor Programme (ARC Reactor)

PROGRAMME

- 09:00 am - 09:05 am** **Welcome Note by Convenor of ARC Reactor Programme**
Assoc. Prof. (Ind.) Ar. Sarly Adre Sarkum
Chair of Academic & Research Committee
- 09:05 am - 09:15 am** **Welcome Address by President of malaysiaGBC**
Mr. Sim Chee Liang, President 2020-2021
- 09:15 am - 09:25 am** **Briefing by malaysiaGBC Platinum Partner**
Dato' Chan Wah Kiang, Managing Director, Ajiya Berhad
- 09:25 am - 09:35 am** **Briefing by malaysiaGBC Silver Partner**
Dato' Yap Kuak Fong, Managing Director, Ebara Pumps Malaysia Sdn Bhd
- 09:35 am - 09:40 am** **Soft Launch of the Green Building Academic Conclave**
Mr. Sim Chee Liang, malaysiaGBC President 2020-2021
- 09:40 am - 10:10 am** **Industry / Academic Collaboration - Keynote 1**
Topic: Iskandar Malaysia Low Carbon Society
- Synergy Between UTM & IRDA
Prof. Ts. Dr. Mohd Hamdan Bin Haji Ahmad, Assistant Vice Chancellor (Development) UTM
- 10:10 am - 10:40 am** **Industry / Academic Collaboration - Keynote 2**
Topic: Verifying Product Performance Through Research
- Case Study: Study of Effect Low VOC Paint by UPM Medical Faculty
Mdm. Irene Teo, General Manager, Nippon Paint Malaysia
- 10:40 am - 11:10 am** **Industry / Academic Collaboration -Keynote 3**
Topic: Opportunities in Creating Synergy Between Academia & Industry
Assoc. Prof. Dr. Mohamad Fakri Zaky Jaafar, Chief Coordination Officer
- Putra Design Nexus UPM
- 11:10 am - 11:40 am** **Industry / Academic Collaboration - Keynote 4**
Topic: Grant Opportunities in Industry
- Case Study: Better Places for people Study for WorldGBC and Other relevant Studies
Ar. Dr. Lim Chin Haw, Senior Research Fellow - Solar Research Institute UKM
- 11:40 am - 01:00 pm** **Breakout Room - Matchmaking and Individual Sharing Sessions**
Academic & Industry attendees will be broken down to smaller virtual breakout rooms whereby we will conduct targeted matchmaking sessions as led by our Lead Facilitator, Pn. Maimunah Jaafar and other malaysiaGBC Facilitators.

KEYNOTE SPEAKERS



Prof. Ts. Dr. Mohd Hamdan Bin Haji Ahmad **Assistant Vice Chancellor (Development) UTM**

Prof Dr Mohd Hamdan Ahmad is currently serving as the Deputy Vice Chancellor (Development). He is the former Dean of Faculty of Built Environment and Surveying (FABUulous), Universiti Teknologi Malaysia (UTM) and Director of MIT UTM Malaysia Sustainable Cities Program (MIT UTM MSCP). He is also the former Executive Director of Institut Sultan Iskandar (ISI), a wholly owned company of UTM with core business in research and consultancy focusing on urban habitat and sustainability.



Mdm. Irene Teo **Senior Marketing Manager, Nippon Paint Malaysia**

Irene Teo holds a Bachelor Degree (Honours) in Chemical Engineering and started her career in building construction industry since 2010. Build it Right. Build with Certainty. - In her career journey in the past, she led technical specialist team in one of the leading building construction manufacturer in the country and worked closely with the architects and engineers for innovative and sustainable solutions.

Currently, as the Senior Manager, Marketing from Nippon Paint Malaysia Sdn Bhd (Asia's No.1 Paint Brand*), Ms Irene would like to take the opportunity to share with the professionals on the coating technology breakthrough by the organization in mid of this COVID-19 pandemic. Together, we can create a safer and better wellness living space to the community.

**Top25 2017 Paint Manufacturers in Asia Pacific. Asia Pacific Coatings Journal, pp.1-3*



Assoc. Prof. Dr. Mohamad Fakri Zaky Jaafar **Chief Coordination Officer – Putra Design Nexus UPM**

As the CCO of Putra Design Nexues and Previously Deputy Director of Putra Science Park his primary responsibility is promoting research and Innovation for Commercial ventures. Identifying commercial interests and developing commercial ventures out of the University's Research and Innovations. He obtained his doctorate from the University College London, UK in 2009. Ha also has a bachelor of Architecture from the University of Manchester,UK.



Ar. Dr. Lim Chin Haw **Senior Research Fellow - Solar Research Institute UKM**

He is a Senior Research Fellow at the Solar Energy Research Institute (SERI), University Kebangsaan Malaysia and a professional registered Architect with the Malaysia Board of Architects. He has 15 years of professional architectural practice experience and more than 13 years as an avid researcher covering a variety of projects both local and international. He has also received several awards namely the Asean Energy Awards 2004 and 2014, Silver Medal Award for Building Integrated PV Thermal Solar Collectors at International Exposition of Research and Invention (PECIPTA) 2009, Silver Medal Award for Ultra Low Energy House at the Malaysia Technology Expo (MTE) 2010 and Gold Medal Award for Inverted Air Foil Wind Driven Ventilation Tower at the International Ibn Al-Haytham's Al-Manazir Innovation and Invention Exhibition 2011.

KEYNOTE SPEAKERS



Pn. Maimunah Jaafar **Lead Facilitator of Breakout Sessions**

Maimunah Jaffar promotes and practices sustainability and innovation in delivering her daily works in Iskandar Malaysia. She set out on her worked life as an architect in year 1988 in the United States and in 1992, she returned home and worked as an urban designer in one of the prestigious company in Kuala Lumpur. In 2007 she joint Iskandar Regional Development Authority (IRDA), and now she is one of IRDA's Director and leads the Technology and Innovation workstream. She developed the Iskandar Malaysia Comprehensive Development Plan in 2005, and Smart City Iskandar Malaysia Framework in 2012.

Maimunah leads the Smart City team in IRDA and Chief Smart City Officer for Johor Bahru in the ASEAN Smart City Network program alliances. Maimunah is currently in the committee member of Malaysia Green Building Council Southern Chapter to promote energy efficient in buildings and Protem members for Malaysia Smart Cities Alliance (MSCA)

She has successfully secured Iskandar Malaysia to become a pilot project for the United Nation Energy Efficiency Acceleration program, launched at the United Nations conference, New York. She represented Iskandar Malaysia to launch and speak in the Conference of Parties (COP) and speaks at various national and international conferences and summits on the topic of Sustainable and Smart City. And in 2015, the Massachusetts Institute of Technology (MIT) selected Maimunah as one of the many females faces in sustainable places exhibition in Boston, USA.