

Urbanization Challenges & Innovative Solutions

With rapid urbanization and fast changing city landscapes, city planners often face challenges around balancing needs for economic and population growth, efficient infrastructure and mobility planning. At 3M, we believe in applying science to improve lives in urban cities, specifically around the areas of sustainability, energy efficiency, productivity, safety and security.

In this seminar, we shall focus on some of the technology and solutions to address global city needs for sustainability, livability and productivity. They include

- Advance Lighting Technology
- Applied Fireproofing Technology
- Architectural Finishes Materials Technology (Odor and Acoustic)
- Assembly Solutions
- Daylight Redirecting Film Technology
- Fall Protection Solutions

We believe this is how a smart city should enable urban residents to live more comfortably and fulfilled lives as the city develops more sustainably through the use of cutting edge R&D technology and solutions of that can tackle challenges faced by cities planner, architects and developers.

EVENT DETAILS

Date : 1 December 2016, Thursday
Time : 3.00pm - 5.00pm
(Registration will start from 2.30pm onwards with light refreshment)
Venue : Singapore Institute of Architects
SIA Theatre - Level 3
79B Neil Road (S) 088904
BOA-SIA CPD : 2 CPD points
Seminar fees : SIA Members* (Complimentary),
Non Members (\$70.00)
(fees inclusive of GST)
Closing date : 24 November 2016

* For SIA Members whose registrations have been confirmed, attendance is compulsory. Absentee/Cancellations 3 days or less before the event will be charged at \$20.00. Verbal notification of cancellation is not acceptable.

PROGRAMME SCHEDULE

2.30pm Registration with Light Refreshment
3.00pm Presents by
Dr. Jesudoss Arokiaraj
Mr Ng Wei Kiang
Mr Ang Chin Guan
Mr Larry Peter Lo
Mr Yusof Kassim
Mr Santosh Kunhiraman
4.30pm Q & A
5.00pm End of event

For more information, please contact SIA (**Ms Jacey Tay**):
Tel: (65) 6226 2668
Fax: (65) 6226 2663
Email: cpd@sia.org.sg

Jointly Organized by:



Profile of Speakers



Dr. Jesudoss Arokiaraj – presenting the Advance Lighting Technology

Dr. Raj is the Platform Leader for Advanced Lightings. He has published a number of 3M patents and has research publications in reputed international journals. He has delivered invited lectures on topics varies from Nanotechnology to semiconductor materials and devices.

Raj holds a Ph.D. in Physics from Anna University (Madras, India), a M.Phil. From Anna University, a M.Sci. and a B.Sc. from Loyola College, Madras University (Madras, India). He then did postdoctoral work at Nagoya Institute of Technology (Nagoya, Japan) and Nanyang Technological University (Singapore).



Mr Ng Wei Kiang – presenting Applied Fireproofing Technology

Wei Kiang is the Principal Application Engineer for fire protection solutions for building and construction, oil and gas industries. In addition, he also works on VHB Structural Glazing Tapes for curtain walls and cladding in Construction.



Mr Ang Chin Guan – presenting Architectural Finishes Materials Technology (Odor and Acoustic)

Chin Guan specializes in the areas of floor safety, facility maintenance and refurbishment, fire protection and surface protection coating. He also support the development of new solutions in the facility management segment.

Profile of Speakers



Mr Larry Peter Lo – presenting Assembly Solutions

Larry is the Principal Application Development Engineer in adhesives and tapes solutions. He support application development for copper and fiber solutions for both premise cabling networks and telecommunication passive networks. He has done work on numerous industrial bonding, sealing and surface protection projects to drive productivity and quality improvements.

Larry Peter holds a Bachelors degree in Electrical and Electronics Engineering and a Master of Science Degree in Photonics from Nanyang Technological University.



Mr Yusof Kassim – presenting Daylight Redirecting Film Technology

Yusof is a technical consultant. His area of works includes Fire Protection, Corrosion Protection and Window film. He led a team in clinching Green Mark Gold award for 3M Woodlands Manufacturing Plant and a Singapore Green Building Product listing for its window film solution. Yusof has presented at the Clinton Climate Initiative Conference in Ho Chi Minh in 2009 and Asia Pacific GlassTech Exhibition in Singapore in 2010.

He has won 3M's Technical Professionalism Awards in 2005, 2006 and 2008. In 2010, he was awarded 3M's prestigious Circle of Technical Excellence (APAC).

He is currently 3M's Innovation Ambassador. Yusof graduated from National University of Singapore with a Degree in Electrical Engineering. He also holds a Graduate Diploma in Business Administration from Singapore Institute of Management and a Master in Business Administration (Management of Technology) from Deakin University, Australia. He is also a Singapore Certified Energy Manager (SCEM).



Mr Santosh Kunhiraman – presenting Fall Protection Solutions

Santosh is the General Manager for SEA & India Region. He is a certified installer of vertical and horizontal systems.

He holds a management degree in Marketing and Sales Management from Mumbai University and Bachelor Degree in Science from Mumbai University in India.

Application Form

EVENT DETAIL

GST REG. NO.: M9-0001281-J
G.N. No. 565 in Gazette No. 27

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Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

[EDU]

And follow up with cheque / cash / online payment to Singapore Institute of Architects.

Please tick your mode of payment:

[] Cheque

Bank/Chq # : _____ Amt S\$: _____

Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

Mail to SIA address:

Singapore Institute of Architects

79B Neil Road, Singapore 088904

Please indicate your name, company/institution and course date/title on the back of the cheque.

[] Cash

You can drop by SIA office to make cash payment between 9.30am – 5.30pm on weekdays.

[] Online Payment

<http://members.sia.org.sg/payment/sia-20161201.html>

(It is mandatory to provide us with your Receipt ID # after your credit card payment transaction)

Receipt ID #: - - -

Participant's Detail

Organization: _____ Contact Person (if any): _____

Tel: _____ Fax: _____ Email: _____

Receipt Mailing Address: _____

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	Full Name of Participant (as per NRIC/FIN, pls underline surname)	NRIC / FIN #	Email	Amt
1				
	HP #: <input type="checkbox"/> SIA Member, SIA #: []		<input type="checkbox"/> Non Member, BOA # (if any): []	
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5				
	HP #: <input type="checkbox"/> SIA Member, SIA #: []		<input type="checkbox"/> Non Member, BOA # (if any): []	
				Total:

**Please take note that all the above fields are mandatory. Incomplete form will not be process.

Cheque payment for this activity should not be combined with payment for other SIA events/courses.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if written notification is made at least 3 days before the event.

Where a Non-Member replaces a Member (must be from the same Org.) the fee difference will have to be made good to SIA prior to the event.

Registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.

Registration Confirmation No.:-

