

THE ASHRAE TIMES

Newsletter of ASHRAE Singapore Chapter

President's Message

By Henry Yeo



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Dear ASC Members

Your unwavering support during the past years to ASHRAE Singapore Chapter (ASC) has been very significant that led us to where we are right now, and for that we are grateful. We have increased the number of membership and organised successful technical talks, seminars, networking sessions and events. This year, we would like to assure that we will add more value to our members by committing in working with various government institutions to increase awareness, efficiency and sustainable development of the HVAC/R Industry standards. We will attract younger generation to join ASC as they will be the future key to a more green and sustainable environment.

Together with the ASC BOG, let us all carry on with our commitment in raising the bar and continuous improvement of the HVAC/R standards and industry. We will need every members' cooperation in proactively promoting conscious awareness in achieving a future with better and sustainable environment for everybody. Thank you very much.

Henry Yeo
ASC President (2015-2016)

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AGM Review

By Dr. Rupesh Iyengar

The 33rd ASHRAE Singapore Chapter Annual General Meeting was held on 24th April 2015 at the Tulip Room of Singapore Polytechnic Staff Centre. The meeting was attended by 43 members. Outgoing president Matthew Ngan gave a brief presentation on all activities conducted during his presidential year. He thanked all BOG members for their effort in making the year 2014-2015 very successful and prosperous for ASC. Henry Yeo was announced as the incoming president for 2015-2016 by the nominating committee.

Henry asked for the support of all BOG members during 2015-2016 and shared his goals and vision for the current year. The new BOG members were also elected during the AGM.

President Henry Yeo presented the Appreciation Certificate from the Society and the President's Pin to Matthew Ngan for his commitment and contribution to ASHRAE Singapore Chapter.



Fundamentals of Air System Design Course

By David Edenburn



On May 21 & 22, 2015, a course was held at BCA Academy on Fundamentals of Air System Design. 33 people attended. The evaluation forms returned indicate the seminar was generally well received with an average response of 1.83 out of 5. The one area that received higher (worse) results was the level rigor. About half the respondents felt it was too detailed while the other half (engineers) felt it was not detailed enough. This is to be expected when delivering a seminar to such a diverse group. The majority of the participants were either contractors or engineers. In future perhaps the seminar can be made more detailed for these people. This course is scheduled to be held again 28 & 29 October 2015. Attendee evaluation forms have been scanned and are available for review.



Distinguished Lecture by Chris Mathis

By David Edenburn



On 18 May, 2015, a seminar was held at the ITE East Campus sponsored by the ASHRAE Singapore Chapter and the Institution of Engineers - Singapore. About 35 people attended, including five women. There were two presentations:

In “Why Buildings Matter” noted building scientist, author, educator and ASHRAE Distinguished Lecturer R. Christopher “Chris” Mathis discussed the energy consumption of buildings and recounted how ASHRAE Standard 90.1 has addressed energy consumption in buildings through several iterations since 1975. The current version reduces the energy allowed for several building systems such as air-conditioning and lighting by up to 50% from what was allowed in previous versions. The adoption of this standard by various regulatory bodies in the US and internationally has made significant improvements in energy consumption.



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Particular attention was also paid to fenestrations. Information on energy efficient windows provided attendees with key performance indices necessary in making energy efficient fenestration product decisions.

Following Mr. Mathis' presentation, Julie Ferguson, President of Applied Dehumidification Inc., gave a presentation on the challenges and opportunities for women engineers in the HVAC industry. She presented several advertising campaigns designed to get girls to take up engineering at an early age and to follow-through into professional ca-



BCA Meeting

By David Edenburn

We met with Dr. Gao Chun Ping, Director of Green Building Innovation Cluster as well as Chris Tay Yi Hui and Chan Yun Ching, managers in the Green Mark department for new construction and Aloysius Aw Ahi Wei, manager of Green mark for existing buildings. Again, a shortened version of Mr. Mathis' seminar was presented. The presentation was very well received with a lot of follow-up questions. BCA is well aware of ASHRAE and would like to work closely with ASC on energy efficiency.



Regional Planning Meeting 2—Bangkok 2015

By Dr. Rupesh Iyengar

The regional planning meeting 2 was held at Bangkok, Thailand during 29-31 May 2015. President Henry Yeo, President Elect KC Liew and Regional Officers David Lau, Leong Cheng Wee and Dr. Rupesh Iyengar attended the RPM. The event went very well and lot of discussions for the upcoming regional year were carried out. A joint CRC of Region 13 with Region At Large as a possibility for 2016 at Bangkok was discussed. All regional members gave their semi annual updates to the DRC on the first day of the RPM. The second day of the RPM focused on individual workshop presentations by the regional officers to the delegates and alternates.

