



# ASHRAE NEWS NOW

*A publication of the ASHRAE Philippines Chapter*

## ASHRAE INDUCTION NIGHT AT ACCI

The induction of executive officers, board of governors and committee chairmen of the ASHRAE Philippines chapter will once again be held at the Architectural Center Club Inc. on July 23, 2009 starting at 6:30 P.M.



*Last year's induction of ASHRAE Philippines officers by Fellow Larry Punsalan. The 2008 president, Ramon D. Aguilos is at extreme left.*

Invited as guest and resource speaker is Dr. Maya Q. Villaluz, PhD from the World Bank. She will discuss and update the members on the ongoing Philippine Chiller Energy Efficiency Project (CEEP).

Likewise, Engr. Ramon D. Aguilos, PME, and immediate past president 2008, will brief attendees on the green building initiative, currently the much-talked about topic on climate change in the industry today.

To be inducted are the following new set of officers for 2009:

Executive Committee - Dominador G. Castro Jr., President; Jim L. Bata, President-Elect, Emmanuel C. Punsalan, Vice President, David B. Farala, Treasurer and Dennis L. Alejandro, Secretary.

The Board of Governors, composed of past presidents are: Cesar Luis Di. Lim, Cezar P. Punsalan, Rosendo C. Perez, Jr., Leandro A. Conti and Ramon D. Aguilos.

The standing committees are composed of: David B. Farala, chairman, Membership Promotion Committee, Dr. Manuel C. Belino, chairman, Student Activities Committee, Joselito B. David, chairman, Research Promotion Committee, Cesar Luis Di. Lim, chairman, Technology Transfer Committee, Danilo G. Duya, chairman, Nominating Committee, Eric M. Panzo, chairman, CRC Action Committee, Rosendo C. Perez, Jr., Chapter Historian, Rudolfo L. Tablante, chairman, Refrigeration Committee, Fernando S. Guevarra, chairman, Publicity Committee, Michael T. Lagman, chairman, Attendance Committee, Roberto G. Rosales, chairman, Finance Committee, Mark Q. Faulkner, chairman, Publications and Newsletter Committee, Demetrio DIT. Advincula, chairman, Special Events, Tito B. Soledad, chairman, Auditing Committee and Dennis L. Alejandro, Young Engineers of ASHRAE (YEA) Chairman.

The charging officer for this year will be Eric M. Panzo, Regional Vice Chairman for Membership Promotion, while the inducting officer is Fellow ASHRAE Larry R. Punsalan. The installation ceremony will be in accordance with the format from the updated manual for chapter operations. Eric becomes MP Chair effective July 1<sup>st</sup> 2009. He succeeded Tan Yong Hoa from ASHRAE Singapore.

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## PHILIPPINE OFFICERS AT ASHRAE WINTER CONFERENCE

ASHRAE Philippines kicks off 2009 with the winter conference participation.

All roads lead to Chicago as the Philippine delegation made their presence felt during the ASHRAE winter conference held at windy Chicago from January 24 to 28, 2009. This year's meeting theme is: "Sustainable Urban Design: Engineering Tomorrow...Today".



*Photo op showing Jojo Castro, President-elect with, from left: Joe Ablay, Art Andres (Region I SoCal), Tan Yong Hoa, RVC-MP, Claire Ramspeck, Director for Technology, Dr. C.S. Ow (partly hidden), past DRC, Raymond Wong, past DRC, Robert Hu, Region XIII DRC and Cesar Lim, CRC and CTTC Chair.*

The welcome party held on Saturday, January 24<sup>th</sup> at the historic Palmer House Hilton was memorable with only good food, light bantering, exchange of pleasantries and meeting of delegates coming from all over the world.

All of the society top honchos are present in this gathering particularly the society president Mr. Bill Harrison.

Region XIII delegates led by DRC Robert Hu were all over the place, while the Philippines' CTTC Chairman Cesar Lim and President-Elect Jojo Castro were on hand to meet and greet old and new friends from the region as well as from all over the world.

Seen also attending the annual winter AHR (Air Conditioning Heating Refrigeration) Expo were BOG Cezar Punsalan, President Elect Jim L. Bata, BOG Leandro A. Conti, VP John Eduard Bautista and YEA Chairman Dennis L. Alejandro.

Since this winter conference coincided with the Chinese New Year, the traditional Chinese dinner was held in the suburbs of Chicago at the Phoenix Restaurant on Monday, January 26.

Many top officers from other regions who were present during our August 2008 CRC at the SMX were also in attendance, particularly Vincent Tse, society VP, Jack Zarour, Region X DRC and Robert Hu, Region XIII DRC.

The energetic Mr. Den Low, our region XIII RP chairman made arrangements in just a short time for the gathering of all conference attendees in a night of sumptuous dinner and camaraderie.

*Photo at right shows CRC and CTTC Chair Cesar Lim (partially hidden at right) together with society and region officers and guests.*





## SOCIETY PRESIDENT HOLNESS VISITS PHILIPPINES, CONDUCTS SEMINAR

An activity distinctive to ASHRAE Philippines is inviting distinguished lecturers (DL) from the society to conduct top-of-the line seminars to update and upgrade the knowledge of members in HVAC/R technology.

And for one night only, we have as guest and resource speaker, Mr. Gordon V. Holness, 2009 Society President speaking on “Energy Efficiency in Existing Buildings and Building Information Modelling” last February 26, 2009 at the ACCI Formoso Hall.

On hand to welcome him are Ramon D. Aguilos, chapter president, together with his officers, ASHRAE fellow Larry Punsalan and a special guest participant, DOE undersecretary Mariano Salazar.

Gordon V. R. Holness, P.E., Fellow ASHRAE, Life Member, is a consulting engineer from Grosse Pointe Shores, Michigan. He now resides in Florida.

As the Society’s president-elect, Holness is a member of the Board of Directors and the Executive Committee and chairs the President-Elect Advisory Committee, Members Council and the Advocacy Committee.



2009 Society President Gordon VR Holness together with Philippine chapter officers led by Ramon D. Aguilos (in pink, back).



“ASHRAE is truly a unique technical organization in the breadth and depth of technical information and research that is generated to serve the HVAC&R industry,” Holness said. “We are fortunate to have a tremendous cadre of volunteers who, with great staff support, develop all of our Handbooks, guidelines, standards and design guides to help fulfill our mission. Funding raised by our members lets us develop research programs that help keep us on the leading edge of new technologies. The technical programs put on at our meetings, together with the significant educational programs developed through the ASHRAE Learning Institute, help spread

*Photo at left shows, from left, Engr. Larry Punsalan, ASHRAE Fellow, Ramon D. Aguilos, President, ASHRAE Philippines, DOE USec Mariano Salazar and Gordon Holness.*

these new technologies to the industry. Our support of student activities also encourages new engineering talent to join the industry. Put all together with the training and peer interaction provided by participation in ASHRAE, and you have a world of opportunity available in and through the Society.”

Holness is chair of the Steering Committee on Building Information Modeling and Interoperability and the Society representative on the building SMART Alliance and the Advanced Energy Design Guide Steering Committee, and is a member of the Headquarters Building Renovation Committee. He formerly served on the Board of Directors as treasurer, vice president and director-at-large.

Holness has received the Exceptional Service Award, the Distinguished Service Award, the Journal Paper Award and three ASHRAE Technology Awards.

Born and educated in England, Holness worked in a London consulting engineering practice for many years before immigrating to Canada. There he worked in a mechanical/electrical consulting engineering company for several years before moving to Detroit, where he worked for the renown architectural and engineering organization, Albert Kahn Associates Inc., serving as chief mechanical engineer, vice president, treasurer and president, before retiring as chairman emeritus after 32 years for the company.

He is a registered mechanical engineer, licensed to practice in 42 states and four provinces. He also is a chartered engineer in the United Kingdom.



*Gordon VR Holness, then Society President-Elect, receiving a plaque of appreciation from Ramon D. Aguilos, Chapter President. He is Society President effective July 1<sup>st</sup> 2009.*

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## SUCCESSFUL BINGO SOCIAL HELD

A bingo social was held last May 29 at the ACCI Formoso Hall by ASHRAE Philippines. The purpose is to raise more funds for the local chapter and to foster friendship and camaraderie between members.

Many prizes were given away to lucky participants who bought bingo tickets for the event such as: air conditioner, washing machine, gas oven, DVD player, stereo home theater, color television and many more.

All officers were automatic donors who contributed to this worthwhile affair.

*“Whoever undertakes to set himself up as a judge of Truth and Knowledge is shipwrecked by the laughter of the Gods”*  
**ALBERT EINSTEIN**  
(1879-1955)



## REGIONAL PLANNING MEETING IN SINGAPORE

The second regional planning meeting of Region XIII where ASHRAE Philippines chapter belong was held in Singapore last May 30 and 31, 2009 at the Furama Riverfront Hotel. The regional planning meeting (RPM) is called by the DRC (Director and Regional Chair) for the purpose of planning the year's activities, and for setting goals and developing a regional MBO plan. RPMs are held twice a year. For Region XIII, the first RPM is held on the last day of the Chapters Regional Conference (CRC). This year's CRC will be held in Bangkok, Thailand from August 21 to 23. The second RPM is held during summer, usually on the last week of May. The 2010 CRC will be held in Singapore. Normally, it is only the president-elect (called alternate delegate) attending the RPM.



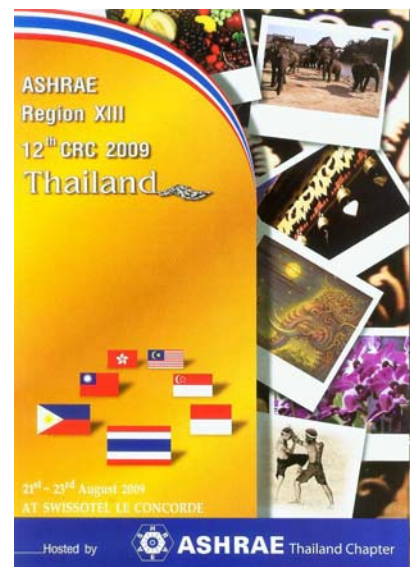
Group photo of participants in the recently held regional planning meeting (RPM) led by Dr. Robert Hu (sitting center, 5<sup>th</sup> from left). Our very own Eric Panzo, RVC-Refrigeration chairman is sitting at left side. Not shown is Jojo Castro, President-Elect who took this picture.

## 12<sup>TH</sup> CRC IN THAILAND

After holding a very successful 11<sup>th</sup> Chapters Regional Conference (CRC) at the SMX, Mall of Asia last August 2008, ASHRAE Philippines officers will now attend the 12<sup>th</sup> CRC, this time to be hosted by ASHRAE Thailand.

The conference will be conducted at the Swissotel Le Concord, a 5-star hotel located at Ratchadapisek Road, Bangkok's new thriving business and entertainment district from August 21 to 23, 2009.

The CRC provides a forum for the dissemination of information pertaining to chapter and regional activities, and also provides a medium for chapter activities, reporting and awarding on outstanding ASHRAE members and officers, conducting technical sessions, and attracting attendance and building camaraderie with other members.



Cesar almost forgot letter coming from him but during that one he was absolutely think that he just came conference during the

It came from the Jeff H. Littleton, and it

"I am pleased to inform recommendation of the and approval of the Committee and Board been selected to W. Garland Refrigeration Award for

This award is being recognition and



Cesar with President Bill Harrison (left) and EVP Jeff Littleton (right).

efforts in promoting the science of refrigeration at the chapter level. The form of the award is a plaque with a medallion and a lapel pin.

Presentation will take place at the Society's Annual Conference in Louisville, Kentucky, during the plenary Session on Saturday, June 20 at 3:15 p.m. You will receive additional information regarding the Plenary prior to the Annual Conference."

**The first Milton W. Garland award is being given to a Filipino!** And he is the Technology Transfer Committee chairman and past president of ASHRAE Philippines, Engr. Cesar Luis De Leon Lim, PME. He submitted a project entitled "SAN FERNANDO BREWERY CYLINDRO CONICAL TANK COOLING JACKET RETROFITTING TO LASER WELDED COOLING PANEL PROJECT".

Prior to the awarding mentioned, articles from Philippine Daily Inquirer heralded his success by inches about his

He was also featured in newsletter, INSIGHTS

Cesar still works as Miguel Corporation. His places and countries. consultant with the Philippine Chiller with the aim of replacing aged 15 years and major establishments in purpose of decreasing to the atmosphere and



Cesar with, from left, Apichit Lumlertpongpana, RVC-Student Activities Wichai Laksanakorn, ARC and Robert Hu, DRC, all from Region XIII.

about it. Receiving a ASHRAE is normal for fateful day in February, dumbfounded. And to from the Chicago winter previous month.

Executive Vice President, reads:

you that based upon the Refrigeration Committee Honors and Awards of Directors, you have receive the 2009 Milton Commemorative Project Excellence.

presented to you in appreciation of your

on the said date the leading dailies, and the Philippine Star devoting several column triumph.

ASHRAE's monthly on the June issue.

consultant with the San work brings him to many He is also the lead World Bank for the Energy Efficiency Project, CFC and HCFC chillers younger being used by the Philippines for the carbon dioxide emissions averting global warming.

## ALL ABOUT THE MILTON W. GARLAND AWARD

In 1998, Mr. Garland was honored as the nation's oldest worker, having begun his career in 1920 at the Frick Co., now part of York International. He was known as "Mr. Refrigeration" for his work in refrigeration systems for gold mines in South Africa and in the ice cream factories of Philadelphia.

Mr. Garland held some 40 patents of refrigeration-related items, ranging from icemakers to screw compressor volume controls. His work in refrigeration aided in the construction of Hoover Dam for which he designed systems to cool the water, sand and rock used to make the concrete to build it.

He was a recipient of the ASHRAE F. Paul Anderson Award, the Distinguished 50-Year Member Award and the Louise and Bill Holladay Distinguished Fellow Award. In 1996, he received the first Andy Ammonia Award from the International Institute of Ammonia Refrigeration for his paper, The Influence of Vapor Pressure in the Condensing Process of the Ammonia Refrigeration Cycle.

At ASHRAE's Centennial Meeting in 1995, Mr. Garland was recognized as a pioneer in technology. In 1989, ASHRAE endowed an award in his honor - the Milton W. Garland Commemorative Refrigeration Award for Project Excellence. In 1990 the name of the award was changed to Milton W. Garland Refrigeration Award, to recognize the Chapter Refrigeration Committee Chairman who has done the most outstanding work in promoting the science of refrigeration at the chapter level. The award consists of a plaque, medallion, and lapel pin.

Milton W. Garland, P.E., Fellow ASHRAE, died in July 2000 at age 104. He was inducted into the ASHRAE Hall of Fame at the Society's 2003 Winter Meeting.

## APPOINTMENTS

ASHRAE Philippines is fortunate to have officers being appointed in the regional and now, the society level. We are pleased to announce the following appointments:

### **ERIC MORENO PANZO**

#### ***Member since 1991***

Previous positions:

2001-02 Chapter President

2002 Chapters Regional Conference  
Chairman, first RC in the Philippines

Regional positions:

2005-07 Alternate Member, Nominating  
Committee

2007-08 Regular Member, Nominating  
Committee

2008-09 Regional Vice Chairman, Refrigeration

And, effective July 1, 2009, Eric will head the Membership Promotion (MP) Committee of Region XIII, comprising of seven countries, vice Tan Yong Hoa of Singapore.

### **CESAR LUIS DE LEON LIM**

#### ***Member since 1996***

Previous positions:

1999-2001 Refrigeration Committee Chairman

2000-2001 Secretary

2001-2002 Vice President

2002-2003 Chapter President

2003-2004 TEGA Chairman

2003-Pres. Board of Governors

2005-Pres. Chapter Technology Transfer  
Committee Chairman

Society positions:

2009-2010 Regular Member, Refrigeration  
Committee (Society Position)  
Project Committee Voting Member  
(PCVM) for SPC 72  
Contributing Member for TC 10.7

Society Award:

Milton W. Garland Commemorative Refrigeration  
Award for Project Excellence, June 2009 (see p. 6)



## MESSAGE FROM THE PRESIDENT



Speech given during the 10<sup>th</sup> ASHRAE Induction Night last July 23, 2009 at the Architectural Center Club, Inc., Palma Drive, Rockwell Compound, Makati City, Philippines.

Dr. Maya Q. Villaluz, our guest speaker from the World Bank, Past presidents of ASHRAE Philippines, all engineers, Silvestre Penasales, Emmanuel Tan, Eric Panzo, our regional RVC Membership Promotion and Charging Officer, Dr. Manuel Belino, our current Student Activities chairman, Danilo Duya, our current Nominating Committee chairman, Cesar Punsalan, Rosendo C. Perez, Jr., Hon. Leandro Conti, BME member and Ramon Aguilos, all our Board of Governors, inducting officer, engineer emeritus and Fellow ASHRAE Larry Punsalan, fellow ASHRAE Philippines officers and committee chairmen, ASHRAE members, ASHRAE soon-to-be members, our valuable sponsors and contributors present this evening, friends, loved ones, guests, ladies and gentlemen:

It's amazing! That's an apt description for an adventure that is ASHRAE Philippines. You might ask, why being part of ASHRAE is an amazing adventure. First, you get to travel! Then, you get to be assigned doing various works... and challenged and pushed to the limits by the elders... which is an adventure in itself. I come at the heels of the foundation built by my predecessors, thus our term's theme is really timely, "Sustaining our Future by Rebuilding our Past". Put in another context, ASHRAE is an advocacy which you have to accomplish in a short span of time. If you feel you have not done the job yet, you can pass on to the next guy and try to help him fill in the shoes and see if it fits. ASHRAE also is a volunteer organization with plenty of room for you to exercise your free will in thinking of ways to help humanity. Pretty tall order but you can do it one step at a time.

Thank you, Dr. Villaluz for an insightful topic. Chillers do contribute to global warming. Hope your audience are listening and now thinking of ways to help, refer, contribute, and do something about it.

Thank you to our valuable sponsors and donors present this evening. Our grateful appreciation and gratitude for your generosity. May your tribe increase!

For our new officers, I bequeath to you the Bible of ASHRAE, the Manual for Chapter Operations, revised issue dated March 3, 2009. In it you will find your duties and responsibilities as officer of an illustrious organization with more than one hundred years experience. I hope you aspire for higher office as we need your talent to sustain our momentum.

For those who are here to experience what ASHRAE camaraderie is, don't scrimp. Apply now and become a member. You don't necessarily have to be an engineer.

As you well know, we have conducted the most successful CRC last August 2008 with more than 200 delegates from seven countries. We welcomed the now society president Gordon Holness last February for a seminar. Mon Aguilos, our immediate past president and representing ASHRAE is contributing to the green building initiative together with stalwarts like FASHRAE Larry Punsalan for the industry, Eric Panzo, the region's RVC-Refrigeration has been appointed as RVC-Membership Promotion effective July 1, and now, we have the first society officer appointed to a regular position, Cesar Luis Lim as regular member of the Refrigeration Committee, as a PCVM or Project Committee Voting Member for SPC72 and likewise, contributing member for TC10.7. This windfall came at the tail of his being awarded the Milton W. Garland Commemorative Refrigeration Award for Project Excellence last June 2009 in Louisville, Kentucky.

This August, we shall be attending the 12<sup>th</sup> CRC in Bangkok. And I am proud to announce that we garnered four of the six major awards for PAOE, or the Presidential Award of Excellence, MP, RP, CTTC and Chapter Operations. We are number one overall.

Finally, we shall be sponsoring the visit of Distinguished Lecturer William Bahnfleth, PhD & P.E., Professor and Director of the Indoor Environment Center in the Department of Architectural Engineering at the Pennsylvania State University (Penn State) in University Park, PA this coming November. He shall conduct a lecture on Cool Thermal Energy Storage in the Era of Sustainability. Watch for our announcement on this important event. We have convinced him to stay an extra day to visit a university, so, our student activities chairman has his work cut out.

Oh, I still have to make a report of what I have to do right? And promise? Sorry, no more page to write, but for starters, I give you this newsletter.

And above all, I thank the Almighty for the gift of all your presence without which, this induction will not be successful.

**I can only say to you: I live to serve.**

Thank you very much and enjoy the evening!