

AIA MIDDLE PA CHAPTER NEWSLETTER

Annual Joint Meeting of AIA / ASHRAE

John Gach Presents “LED’s — Bridging Technology for Outdoor Applications

The annual AIA Middle PA Chapter and ASHRAE meeting was held at Jethro’s in Altoona. Dave Macharola, President of the AIA Middle Chapter introduced Dave Anderson, Vice President of ASHRAE, Johnstown Chapter, Tom Columbus Jr., Vice President of AIA Middle Chapter, and Dan Spinazzola of Hite Electric. The introductions were followed by a buffet dinner.

Dave then introduced the guest speaker for the evening, Mr. John Gach, Regional Sales Manager – Advanced Technologies of Cooper Electric. The presentation began with an overview of the tremendous strides being made in the LED commercial lighting industry — the real future of lighting. Mr. Gach discussed the advantages of using LED vs. MH systems regarding environmental impacts. The Department of Energy, over the next ten years, wants to reduce this impact by 1/4 of the energy consumed. An interesting fact that John told the group that one gallon of gas converts to 20 lbs. Of CO₂ released into the atmosphere. To spur this reduction, the DOE awarded grants totally \$150 million in 2010 to various companies to research LED lighting both indoors and outdoors. In the near future, we will in all probability not be talking about watts for light bulbs but lumens. The United States is in the process of getting rid of incandescent bulbs which much of the rest of the world has already done. He passed around several examples of LED lighting in different applica-



John Gach discusses advantages of LED lighting

tions.

Mr. Gach discussed the advances in the manufacture of the LED crystals such as texturizing the LED chip to get more lumens out of the LED in order to achieve Target Zone Efficacy — getting the light to exactly where you want it.

The bottom line of the presentation was Mr. Gach’s final thought: “Environmental Sustainability . . . save money and helps the environment”!



Group listens to discussion of LED lighting vs. incandescent

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AIA MIDDLE CHAPTER ADDRESS

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NEXT MID POINTS

Deadline for articles and information for the next newsletter is:

June 24, 2011

Please contact Dee Columbus,
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STAY CONNECTED

Please send new member information and any changes and/or additions in your contact information including email addresses to:

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Please be sure to visit the AIA Middle PA Chapter website to view the following:

- Chapter Officers
- Calendars
- Newsletter Archive
- Executive Committee Minutes
- Membership Information
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- Project Photos

Message From the President

Dave Macharola, AIA

On Sunday, April 17 the AIA Middle PA chapter along with PSU AIAS chapter hosted a "Meet the Professionals" round table discussion with the PSU architecture students. The student architects were completing final design preparations on their projects and the production activity at the Stuckeman Family Building was evident with project construction happening in and around the building (one should never forget "on the charrette" and the "all nighters"). Four AIA members were in attendance including myself, Silvi Lawrence, Rebecca Griffith, and Robert Holland. The architecture students participating suspended their project activity to spend time with us at a delicious buffet luncheon hosted by the AIAS and the University. The discussions centered on their interest in IDP, ARE, Licensure, professional certifications from CSI, LEED and potential future endeavors if the employment in architecture is limited.

I want to thank the Pennsylvania State University Architecture Students the AIAS, AIA Middle PA membership and especially AIAS Vice President Arron Wertman, the Department of Architecture and the University for providing the facilities to have this round table discussion with the future architects. Please add this yearly event to your future plans. The engagement with the students was uplifting and intellectually professional.

The 2011 AIA National Convention will be held in New Orleans, Louisiana, this year. We have three attendees and their spouses.

Our annual chapter picnic will be held at the Blairmont Club, 145 Larch Street, Hollidaysburg, PA, on July 22nd. This is a great opportunity to visit with friends and colleagues, so I hope you can join everyone and celebrate the summer. Many thanks go out to Brian Hayes for making all the arrangements for this event.

Regards,

Dave

AIA Associates Corner — 2011 Links

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For the Good of the Order

Comments on the Profession of Architecture by Tom Columbus Jr., AIA, LEED AP

Code Interpretation

In theory, the thought of all projects being designed under the same Code (International Code Council's family of Codes) and adhering to the same regulations, sounds like a dream come true to architects. However, in networking with other members of our Middle Chapter, and those in our allied fields, a common thread has surfaced. This common denominator is that interpretation of this same Code by various Code Enforcement personnel and agencies may vary. Another complication for A/E personnel licensed in various States, is that each State adds regulations to the base Code. These in turn can cause various interpretations. Lesson learned: Make friends with your project's Code Enforcement Officer early on. Informal discussions also help by preparing the officer for review of your project and saving you time by not having to do resubmittals.

Symposium Set for October 20

Be sure to mark your calendars for the 2011 AIA MPC Symposium, scheduled for **Thursday, October 20** at the Frank J. Pasquerilla Conference Center in historic downtown Johnstown. In addition, a special dinner presentation will be held at the City View, atop Johnstown's Inclined Plane – an architectural and engineering marvel in use for more than 120 years!

This year's event will focus on industry trends, with proposed perspectives on a range of topics including:

- **Regulatory and/or governmental trends**, with special attention paid to 2011 state building codes and 2012 federal changes related to the ADA
- **Green technologies**, via the story behind Eat 'n Park's first green restaurant
- **Construction trends**, with perspectives shared by Greater PA Carpenters
- **Technology innovations**, via the growing use of tech-based tools like BIM to address today's challenges
- **Management strategies**, including a discussion of how firms have successfully managed the economic storm

Be sure to check your mailbox and your email for regular updates on our progress, including early bird registration discounts and discounts provided to companies who send multiple representatives.

As always, we welcome new vendors to join us during the Exhibitor Fair. Please feel free to forward possible exhibitor contact information to Anne McGrath, event coordinator, at annefmcgrath@verizon.net.

Continued on Page 5, See Symposium

Look for These Exhibitors

A few weeks ago, we opened the Symposium to vendors and other partners interested in exhibiting at the event. Already, roughly 30% of booth space has been reserved, with new exhibitors securing space every week. Be sure to look for these companies who have been the first to sign on:

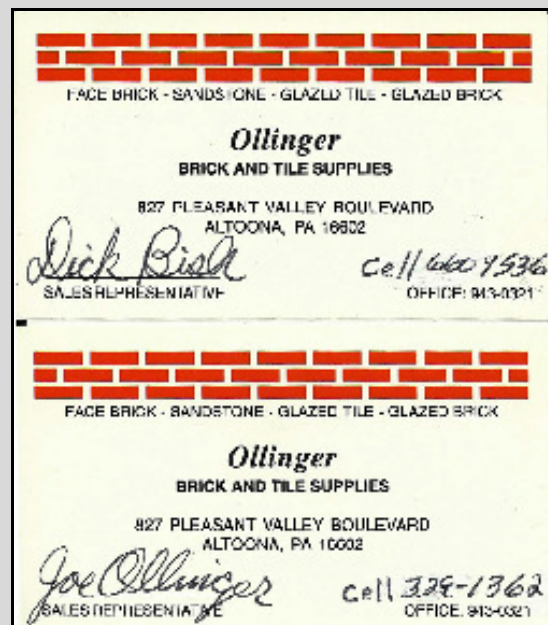
- Fierst Distributing
- Keller Engineering
- Architectural Resources
- Avail Business Systems
- HF Lenz – **Luncheon Sponsor**
- Quality Stone Veneer
- Pella Windows
- GAF Industries



We thank them for their interest and support, and look forward to showcasing their products and services.

Affiliate News

We're pleased to welcome **Ollinger Bros. Inc.** as the newest 2011 Affiliate. For more information on the company, contact Joe Ollinger, Vice President or Dick Bish, Sales, at 814-943-0321 or ollingerbrick@yahoo.com.



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