



NEWSLETTER

PRESIDENT'S MEMO

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2004 BOARD OF DIRECTORS:

- President:
Mel Galinat, Consultant
- Vice President:
Jami Taylor, Lafarge, NA
- Secretary/Treasurer:
"Sam" Morris, Georgia Concrete & Products Association
- Directors:
- Jay Howard, Lehigh Cement Company
 - Gary Knight, Holcim (US) Inc.
 - Frank Lennox, Buzzi Unicem
 - Nick Maloof, Thomas Concrete Industries
 - Wayne Wilson, Holcim (US) Inc.
 - Joe Wolfe, W. R. Grace & Company

We attended the Fall Convention in San Francisco with 23 other Chapter members. The theme was "A Century of Innovation". This was the final Centennial celebration and it was BIG! The Mixer will never be duplicated. They had a boat cruise with three different decks of entertainment. The only negative aspect of the event was that the hotel workers union was on strike and they were picketing all the downtown hotels. The pickets were peaceful but loud. They could be heard chanting from inside the Hilton hotel. The total delegation was 1400 from 34 different countries.

Sam Morris and I attended a Convention Committee breakfast meeting to learn that we had overlooked the Exhibition Segment of the Conventions. ACI began allowing commercial exhibiting about five years ago so we had no experience of the magnitude in the growth in this activity since the last convention in Atlanta. The bad news is that the Chapter is entirely responsible for this activity in terms of management and cost. The good news is that the Committee is just now producing a "guide" for managing the exhibits. We have to begin operations exactly two years before the event, which means NEXT FEBRUARY! Any member having experience and interest in managing this activity should contact Sam or myself-quick!

Chapter members attending in San Francisco were Rodney Adams, Randy Bass, Dan Brown, Jo Coke, John Cook, Mike Cook, Kirk Deadrick, Dale Fisher, Mel Galinat, Harry Gleich, John Gonzalez, Jerry Holland, Bob Jenkins, Gary Knight, Kim Kurtis, Ralf Leistikow, Frank Lennox, Richard Moore, Sam Morris, Ken Rear, Sylvester Schmidt, Jeff Smith, Pete Tatnall and David Weber. We hope no one was omitted. This is based on the ACI Pre-registration list. Hope to see a good number of y'all at the upcoming luncheon. Remember, **"progress through knowledge"**.

Mel Galinat, FACI
2004 Chapter President

NEW MEMBERS

Please help us welcome the following new chapter members:

<p>Paul O'Shield Georgia Concrete & Products Assoc. Tucker, Georgia</p>	<p>Barry Simmons Engineering Consulting Services, Inc. Marietta, Georgia</p>
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UPCOMING EVENTS

SCA/PCA Seminar

November 18, 2004
"Roller Compacted Concrete Pavement"
Maggiano's Little Italy
Atlanta, Georgia

ACI Chapter Luncheon Meeting

November 19, 2004
"Everything You Always Wanted to Know About Lightweight Aggregate ..And Then Some"
Jeff Speck, P.E., FACI
Sheraton Buckhead Hotel
Atlanta, Georgia

ACI Seminar

December 13, 2004
"Troubleshooting Concrete Construction"
Sheraton Buckhead Hotel
Atlanta, Georgia
Contact: Member Services:
248-848-3815

ACI Chapter Holiday Meeting/ Reception

December 17, 2004
"Installation of New Officers & Directors"
Sheraton Buckhead Hotel
Atlanta, Georgia

ACI Awards Banquet

January 27, 2005
Sheraton Buckhead Hotel
Atlanta, Georgia

October Chapter Program

We had the usual forty plus attending the luncheon meeting that was bolstered by a good number of students. Southern Polytechnic State University Student Chapter President Meg Mbugua accepted the ACI Manual of Concrete Practice from Toby Branson, Student Coordinator. (See picture at left) This is an annual event when the Chapter receives a new issue from ACI and donates the previous year's issue to a local University.



Chapter member, Gary Knight, Technical Service Engineer for Holcim (US), Inc. gave us a presentation on **Comparative Calorimetry Testing**. This is the science of producing heat dissolution curves of cement hydration to reflect the identity of Cementitious materials. The heat data curves can identify the characteristics of calcium aluminates,

Types I, II and III cements and blends of the foregoing.

The most advanced calorimetry is "Isothermal Calorimetry" where heat loss is measured at given temperatures by a \$30,000 instrument. A more common alternative is "Reference Cell Field Calorimetry" that compares test samples to a reference sample. The equipment to conduct the Reference Cell test is about \$3,000. An ASTM test method on this procedure is pending. It is interesting that the unit measurement of heat is "power".

The test specimens are so small that the introduction of chemical admixtures must be diluted to scale down the mix ratios. The typical hydration heat curves are plotted in time versus temperature and reveal that final set occurs before peak temperature. Gary showed that calorimetry is sensitive enough to reveal the effects of water cement ratio and other variables such as fly ash additions, ternary mixes, chemical admixtures and compatibility of admixtures. For more information on this test method contact Gary Knight.



Left to Right: Gary Knight & Wayne Wilson, PE
Holcim (US), Inc.

The Georgia Chapter is thankful for the presenters to take the time and enthusiasm to share their expertise with the Membership, and we thank the Members for their support in participating.

Sponsors Needed for Reception—December 17, 2004

If you would like to help sponsor the Reception prior to the luncheon on Friday, December 17, please contact "Sam" at 770-621-9324. The cost remains at \$20.00 per sponsor as we usually get enough sponsors to cover the reception at only \$20.00 each. If you don't call "Sam", don't worry, she will call you.

Thank you in advance. Sponsors will be listed in the December Newsletter.

ACI Golf Tournament—Oops, We Goofed!

We failed to include Southeast Cement Association as one of our sponsors in the October Newsletter! We apologize for this error.

2005 MEMBERSHIP APPLICATION

Name: _____

Company: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Office Phone: _____

Office Fax: _____

Home Phone: _____

E-mail address: _____

Professional Category: (Check one)

- Architect
- Contractor
- Engineer
- Student - Name of School _____
- Affiliate
- Other: _____

**Annual
Dues:
Only
\$25.00**

Are you an ACI International Member: Yes No

If yes, date joined National: ___ If yes, Committee Membership:

Sponsored By: _____ Date Joined: _____

- NEW MEMBER
- DUES RENEWAL

Please complete application and mail with your \$25 check to :

Georgia Chapter,
ACI
100 Crescent Centre
Parkway, Suite 110
Tucker, Georgia
30084
(770) 621-9324
FAX: 770-621-9380

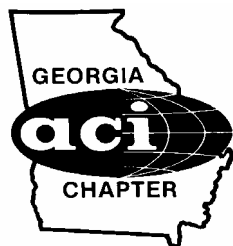
NOTE: IF YOU JOIN NOW, YOU WILL BE COUNTED FOR 2004 AND 2005.

You may use this form to sign up a new member!

MEMBERS WANTED...

Members!
We need more members. One of the sections on the Annual Report covers points for membership. We did not lose any points for last year but we did not gain any. Ask your friends and fellow workers to join. We need to gain members this year.

Thank you.



**Georgia Chapter ACI
Newsletter**

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We're on the web!
www.georgiachapteraci.org

DECEMBER MEETING

- RECEPTION:** **ALL MEMBERS INVITED TO ATTEND**
- PROGRAM:** **"INSTALLATION OF NEW OFFICERS AND DIRECTORS "**
- DATE:** *December 17, 2004*
- TIME:** *11:30 a.m.—Registration and Reception*
12:15 p.m.—Luncheon
- LOCATION:** *Sheraton Buckhead Hotel , (See Reader Board)*
Atlanta, Georgia
- PRICE:** *\$25.00 - Pre-registered*
\$10.00 - Students
\$30.00 - Walk-ins and No-shows
- RSVP:** **To RSVP, please call "Sam" at**
(770) 621-9324 BEFORE 4:30 pm on
WEDNESDAY, December 15, 2004
- NOTE:** *If you fail to call in prior to the deadline, or do not show for the luncheon, you will be charged \$30.00.*