



NEWSLETTER

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2005 BOARD OF DIRECTORS:

President:

Jami Taylor, Lafarge—NA

Vice President:

Nick Maloof, Thomas Concrete

Secretary/Treasurer:

"Sam" Morris, Georgia Concrete & Products Association

Directors:

- Gary Knight, Holcim (US) Inc.
- Frank Lennox, Buzzi Unicem USA
- Wayne Wilson, Holcim (US) Inc.
- Pete Tatnall, Performance Concrete Technologies
- Kem Magnant, Georgia Concrete & Products Association
- Matthew Singel, P.E., Southeast Cement Association

PRESIDENT'S MEMO

Well fall is now upon us as the leaves are turning to autumn colors and the next thing you know we will be in 2006. It is amazing how fast time has passed this year. It has been a productive and busy year for all of us in ACI and we hope that it strengthens our Chapter for the future in order to keep us excellent.

A couple of things to note that have occurred in the past month. We had our first joint ACI/ICRI Golf Tournament which was a great success. Thanks to all who organized and participated. Congratulations to the **First Place** team of **John Cook, Curtis Gould, Mike Cook, and Bob Young**. You guys must have nothing else to do. Also special congratulations go out to Kirk Deadrick and Matt Carroll as they both sunk Hole-in-one's. We have never had a hole-in-one in this tournament in the past and this year there were two exceptional shots. Truly amazing.

Everyone check their mailboxes as the ACI Board nominations pamphlets are in the mail and your input is much appreciated. So everyone get their ballots sent back in as soon as possible and ensure a smooth transition into next year.

This month's speaker is **Ken Rear**. He is going to address the crowd on the latest and greatest concerning the P2P "Prescriptive to Performance" initiative. The luncheon will be held on November 18, 2005 at the Sheraton Buckhead Hotel. Give Sam a call or register online. Hope to see you there and I hope everyone has a joyous Thanksgiving as we have much to be grateful for.

Jami M. Taylor

2005 Georgia Chapter President

ELECTION OF OFFICERS

It is time for the election of officers for 2006. Ballots will go out this month. The Board decided to lighten Sam Morris' workload by dividing her duties into two separate functions, as you will note below. The Nominations Committee of Mel Galinat, Toby Branson and Kirk Deadrick has submitted nominees as follows:

President – Nick Maloof, General Manager of Technical Promotion for Thomas Concrete Industries.

Vice President – Frank Lennox, Mgr. of Marketing & Technical Services for Buzzi Unicem USA and Wayne Wilson, PE, Technical Service Engineer for Holcim (US), Inc.

Secretary – Sam Morris, former Director of Administration for the Georgia Concrete and Products Association

Treasurer – Mel Galinat, Fibrous Concrete Specialist and Kem Magnant, Masonry Division Rep. for the Georgia Concrete & Products Assn.

Directors – Cecil Bentley, Principal of Tri-Bentley Constructors; Kirk Deadrick, Director of Quality Assurance for Lafarge NA; Joe DeFrancisco, Consultant for Northeast Solite Corp.; Scot Palotta, Senior Materials Engineer for APAC, Inc.

UPCOMING EVENTS

ACI November Luncheon
November 18, 2005
Sheraton Buckhead Hotel
Atlanta, Georgia

ACI Level I Field Tech Exam
November 19, 2005
Lafarge Q & A Lab
Exam is Full.

SUPPLEMENTAL EXAMINERS AND P.E.'s who did not attend the earlier meeting this year.
Training Class will be held on December 3, 2005 from 9:00 a.m. to 11:30 a.m. at the GC&PA Lake Level Conference Room. For more information, contact "Sam" at SamieLFM@aol.com or call her at 770-455-7274

A December Exam for ACI Level I Field Tech will be offered on December 10 at the RMC Lab. For more information, contact "Sam" at 770-455-7274 or email: SammieLFM@aol.com

Masonry Testing Technician
December 14, 2005
Sign up online: www.gcpa.org

ACI December Holiday/Luncheon Meeting
December 16, 2005
Sheraton Buckhead Hotel
Atlanta, Georgia

OCTOBER PROGRAM

We had a small crowd for a most entertaining talk, given by Wayne Wilson, P.E. of Holcim Cement, on Concrete Petrography. Mr. Wilson went on to explain that the testing procedures for concrete petrography are covered in ASTM C 856 *Standard Practice for Petrographic Examination of Hardened Concrete* (procedures, petrographer qualifications, apparatus & sample prep.) and ASTM C 457 *Standard Test Method for Microscopical Determination of the Air-Void System in Hardened Concrete* (test procedure for determining air content).

He went on further, to explain that the first step in any investigation was to identify and take a representative sample of the hardened concrete in question, generally under the guise of ASTM C 42 *Drilled Cores*... Step two in the process was to prepare a petrographic specimen by cutting a vertical section through the sample and polish it using progressively finer diamond impregnated grinding discs. The polished section is then examined under a stereoscopic microscope at magnifications up to about 140X.







In general, the concrete paste, void, and aggregate characteristics are examined and recorded. Paste characteristics include information on color, texture, hardness, unhydrated cement and supplementary cementitious materials. Void characteristics include information on air-entrainment, water voids, trapped-air voids, cracks and foreign inclusions. Aggregate characteristics include information on both coarse and fine aggregate type (granite, limestone, natural, etc.) and particle size distribution (gradation, sand/aggregate ratio & segregation). Additional information on apparent chemical admix use, fiber usage, alkali-silica reaction, carbonation, etc. may also be noted.

Mr. Wilson shared several photographic examples of many of the previously listed concrete characteristics, many examples sheepishly claimed by Mr. Kirk Deadrick of Lafarge. In closing, Mr. Wilson showed some non-concrete related photos of some other cementitious products such as concrete block, cement stucco and flooring repair toppings. One last photograph was of a small inclusion discovered in a half gallon of Rocky Road Ice Cream by one of our members....the small object looked very similar to a small rodent tooth!!! Not to worry though, our member sent the inclusion to the ice cream manufacturer and they assured him that it was just a piece of porcelain????



NEW MEMBERS

Please help us welcome the following new chapter members:

- | | | | | |
|--|--|---|--|---|
|  Lindsey Kerns Georgia Tech |  Marcus Millard Georgia Tech |  Erick Torres Georgia Tech |  Dustin T. Reed Georgia Tech |  Victor Y. Garas Georgia Tech |
|  Charles K. Crane Georgia Tech | | | | |



DUES TO INCREASE FOR 2006

At a recent Board meeting, your Board of Directors voted to increase ACI Chapter dues to \$40.00 per year for Regular members and 60 \$15.00 per year for Students. There has not been an increase in dues for the past 12 years.

The **GOOD NEWS FOR NON-MEMBERS**—If you join between now and the end of 2005, you can still get the \$25.00 price. This is for **NEW MEMBERS ONLY**. And, this will include the balance of 2005 and all of 2006. This is a great bargain. We need new members. We need to maintain a certain amount of members in order to keep our Excellent status. So, if you are not a member, sign up now!

*You may use this form
to renew your dues for
2005
— or sign up a new
member!*

2005 MEMBERSHIP APPLICATION

Name: _____

Company: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Office Phone: _____

Office Fax: _____

Home Phone: _____

Email address: _____

Professional Category: (Check one)

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

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

**Annual
Dues
\$25.00**

**NON-MEMBERS.- YOU
CAN JOIN THE GEORGIA
CHAPTER FOR \$25.00
WHICH WILL INCLUDE
THE BALANCE OF 2005
AND ALL OF 2006.
DUES WILL INCREASE
TO \$40.00 FOR THE
2006 YEAR FOR REGU-
LAR MEMBERS**

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

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



Georgia Chapter ACI
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NOVEMBER MEETING NOTICE

Date: *Friday, November 18th, 2005*

You May Register On-Line:
www.georgiachapteraci.org

Time: *11:30 a.m.—Registration*
12:15 p.m.—Luncheon

Location: *Sheraton Buckhead Hotel*
Atlanta, Georgia

Speaker: **KEN REAR , FACI**
VP—Research & Support
Heidelberg Technology Center
Doraville, GA

Program: *“Prescriptive to Performance”*
Ken will give us the latest and greatest covering P 2P.

Price: *\$25.00 - Pre-registered*
\$10.00 - Students
\$30.00 - Walk-ins and No-shows

RSVP: To RSVP, please call “Sam” 770. 455.7274 or email me at
SammieLFM@aol.com BEFORE 4:30 pm on WEDNESDAY,
November 16th, 2005

Note: *If you fail to call in prior to the deadline, or you do not show for the luncheon,*
you will be charged \$30.00.

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