



# NEWSLETTER

## INSIDE THIS ISSUE:

<b>Board of Directors</b>	<b>1</b>
<b>February Meeting Report</b>	<b>2</b>
<b>Welcome New Members</b>	<b>2</b>
<b>Upcoming Events</b>	<b>2</b>
<b>Membership Application</b>	<b>3</b>
<b>March Meeting Notice</b>	<b>4</b>

## 2007 BOARD OF DIRECTORS:

### President:

Wayne Wilson, P.E.  
Holcim (US)

### Vice President:

Frank Lennox, BUZZI Unicem

### Secretary

"Sam" Morris, FACI  
Certification/Accreditation  
Board, GA Chapter, ACI, Inc.

### Treasurer:

Mel Galinat, FACI,  
Fiber Consultant

### Directors:

- Pete Tatnall, FACI,  
Performance Concrete  
Technologies
- Kem Magnant, Georgia Con-  
crete & Products Association
- Kirk Deadrick, Lafarge—NA
- John Love, P.E., FACI, GC&PA
- Tim Moss, Ready Mix USA, Inc.
- Bob Terpening, P. E.  
Robert L. Terpening, P.E., FACI,  
Inc.
- Immediate Past President  
Nick Maloof, FACI,  
Thomas Concrete Industries

## PRESIDENT'S MESSAGE

Hope everyone is having a good week. We started the year off with a great lunch meeting last Friday; we had just under 50 in attendance. Thanks goes out to all that came! I look forward to the first meeting in 2007 when I can report over 100 in attendance. We need to have 40+ people in attendance at our monthly lunch meetings to cover the hotel costs for each meeting. Last year our monthly meetings cost the chapter \$269.12 over what we brought in from the \$25.00 fee we each pay at the door. The Sheraton Hotel has informed us that, starting in March they are going to increase what we pay each month (I have asked our in-house bulldog, "Sam" Morris to work on chewing the hotel down and also to look at other venues). With that said, we can easily overcome these increased costs by getting more people in for our monthly meetings.

In an effort to further reduce some of our operating costs, the Board of Directors has decided to send out our monthly news letter by e-mail only. We will send out the March news letter by both e-mail and snail mail; however, beginning with the April news letter we will only be sending out the news letter by e-mail. If you do not have e-mail or you would like to continue getting a hard copy by mail, please let Diane Dial in the Chapter Office know (770-621-9324) and we can make sure that you continue receive a paper copy.

Finally, the Georgia Chapter is finalizing our plans for hosting ACI International's Spring Convention here in Atlanta at the Downtown Hilton April 21-26, 2007. ACI International has over 40 technical sessions scheduled with new information being presented on everything from "Pervious Concrete Application and Design" to "Concrete Heat Development: Modeling and Prediction". In addition, every ACI Committee, (i.e. ACI 318, 301, 324, 325, etc., etc).... will meet to discuss new information and on-going revisions to the *ACI Manual of Concrete Practice*. Having this Convention in our own backyard is a great opportunity for our Local Chapter Members to see first hand how the Official ACI Documents really get written. You can register for all six days of the convention for only \$301 for ACI International Members (\$377 after 3/18/07) and \$397 for non-members (\$476 after 3/18/07) or if you only want to attend one day, the price is \$168 for members (\$243 after 3/18/07) and \$221 for non-members (\$284 after 3/18/07). Detailed convention and registration information can be seen on the web at ACI International's Web Site ([www.concrete.org](http://www.concrete.org)).

On a more local note, given that the convention will occur during the last full week in April **we will not have a Local Chapter meeting on April 27<sup>th</sup>.**

Have a great week and hope to see you on March 23<sup>rd</sup>,

Wayne M. Wilson, P.E.  
GA Chapter ACI President

**HAVE YOU REGISTERED FOR THE 2007 ACI SPRING CONVENTION YET? IF NOT, YOU CAN GO ON LINE AND DO SO. [WWW.CONCRETE.ORG](http://WWW.CONCRETE.ORG)—YOU SURELY DO NOT WANT TO MISS OUT ON THIS. APRIL 22-26, 2007—ATLANTA HILTON**

# UPCOMING EVENTS

March 8, 2007  
 ACI Level I Field Tech Training  
 12:30 p.m.—4:30 p.m.  
 GC&PA Headquarters, Lake Level  
 Tucker, Georgia 30084  
 (Registered Persons Only)

March 17, 2007  
 ACI Level I Field Tech Exam  
 7:45 a.m.—2:00 p.m.  
 Ready Mix USA, Inc. Lab  
 Decatur, Georgia  
 (Registered Persons Only)

March 23, 2007  
 ACI Luncheon/Seminar  
 Speaker: TBA  
 Sheraton Buckhead Hotel  
 Atlanta, Georgia  
 Check Web: [georgiachapteraci.org](http://georgiachapteraci.org)

April 19—20, 2007  
 ICRI NATIONAL CONVENTION  
 Sheraton Buckhead Hotel  
 Atlanta, Georgia  
 Information: [ICRI.ORG](http://ICRI.ORG)

April 12, 2007  
 ACI Level I Field Tech Training  
 12:30 p.m.—4:30 p.m.  
 GC&PA Headquarters, Lake Level  
 Tucker, Georgia 30084  
 (Registered Persons Only)

April 21, 2007  
 ACI Level I Field Tech Exam  
 7:45 am—2:00 pm  
 Heidelberg Lab—Doraville, Georgia  
 (Registered Persons Only)

ACI SPRING CONVENTION  
 April 22-26, 2007  
 Atlanta Hilton Hotel  
 For Registration and Reservations  
[Concrete.org](http://Concrete.org)

## FEBRUARY CHAPTER MEETING

The luncheon was well attended and Barry Deschenezux, Manager of Product Support & Development for Holcim, gave the technical program. Barry spoke on “Fly Ash in Concrete Today & Tomorrow”. He began with an explanation of the sources of this pozzolanic revert material. As many in our Industry know, fly ash is the residue collected from coal burning power plants. In recent decades when coal ash has become a valuable by-product efforts have been made to control its quality. Barry showed the collector system at typical fly ash sources and defined the classes of ash for marketing purposes. He said that fly ash is divided into two classes by ASTM C 618, which governs its commercial use. Class C is light gray in color and typically originates in Western US power plants where the ash contains a significant amount of lime [CaO]; Class F is dark gray in color and usually originates at Eastern US power plants. Class F ash according to ASTM C 618 has lime content under 10%.

Fly Ash Class is technically determined by the sum of its oxide content where C Ash has oxides greater than 50% and F Ash oxide content is greater than 70%. This material is pozzolanic meaning it supplements the basic cementitious material in concrete. It can actually replace cement in ranges from 10 to 40% pound for pound. It compliments Portland cement adding long-term strength, improving workability and lowering the heat of hydration. US Bureau of Reclamation historical data shows fly ash mixes traditionally show greater strength gain after 28 days than plain mixes. Fly ash makes concrete more resistant to sulfates and has a role in reducing alkali-silica reactions.

Barry acknowledged that fly ash with high levels of carbon will have a negative effect on air entrainment admixtures. He described processes to beneficiate the ash. One would “burn-out” the carbon another would remove it by electrostatic precipitation. The “new directions” in marketing this material include blending with other pozzolans, even non-pozzolanic materials and proposing performance specifications over restrictive limitations. The Fly Ash Industry is trying to be proactive whereas historically is has been reactive.



### Thursday, April 26, 2007—at the Atlanta Hilton—ACI Educational Seminar Environmental Engineering Concrete Structures: Design and Details

8:00 a.m.—5:00 p.m. Contact: [Concrete.org](http://Concrete.org) to register

This one-day seminar is based on the 2006 provision of ACI 350 and ACI 350.3 and is for consulting engineers, private industrial firms, government agencies, material suppliers, testing agencies, academia, and contractors. You will become familiar with the design requirements of LCS, and design examples to illustrate practical applications will be presented. This seminar will also cover durability, joints, loads, serviceability, and the design of pre-stressed and non-prestressed members. Complimentary publications, a \$238.00 value, include: ACI 350-06, ACI 350.3-06, and Course Notes.

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## WELCOME NEW MEMBER (S)!

**MICHAEL SKEGGS**  
**GRACE CONSTRUCTION PRODUCTS**

**TONY CAPE**  
**TUCKER CONCRETE**

**ACI 2007 SPRING CONVENTION  
APRIL 22 –26, 2007**



**ATLANTA HILTON HOTEL**

Concrete Mixer at the Georgia Aquarium  
Student FRP Composites Competition

Pervious concrete demonstrations

Tour of the Southface Eco Office—learn how to build "green"

Guest Tours including A Taste of the Peach, Covington Mansions, Midtown Cultural Tour, and The Good Life in Buckhead

**2007 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 - **\$15.00** 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  
\$40.00 p/yr.  
  
Students: \$15.00**

Please complete application and mail with your check to :  
  
Georgia Chapter, ACI  
100 Crescent Centre  
Parkway, Suite 665  
Tucker, GA 30084  
(770) 621-9324  
FAX: 770-621-9380



Georgia Chapter ACI  
Newsletter

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www.georgiachapteraci.org

# MARCH MEETING NOTICE

Date: **Friday, March 23, 2007**  
Time: *Registration—11:30 a.m.*  
*Reception— 11: 45 a.m. - 12:15 p. m.*  
*Luncheon—12:15 p.m.*

You May Register On-Line:  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)

Location: *Sheraton Buckhead Hotel*  
*3405 Lenox Road, NE*  
*Atlanta, Georgia*

Speaker: **Everett Ward**  
Belgard Pavers, a Division of Bosse Concrete Products  
Jonesboro, Georgia.

Program: **"Market Place for Concrete Pavers"**

Come join us to hear Mr. Ward compare the costs of different paving systems such as asphalt, concrete, and concrete pavers. He will discuss plant production methods and the wide variety of paver shapes and sizes now available. Proper installation and construction practice will also be covered.

Price: **\$25.00 - Pre-registered**  
**\$10.00 - Students    \$40.00 - Walk-ins and No-shows**

RSVP: To RSVP, please register on line: [Georgiachapteraci.org](http://Georgiachapteraci.org) or call "Sam" @ 770. 455.7274 or Diane @ 770-621-9324 **BEFORE 12:00 Noon on WEDNESDAY, March 21st, 2007**

Note: *If you fail to call in prior to the deadline, or you do not show for the luncheon, you will be charged \$40.00.*

**We're on the web!**  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)