



2012 SPRING CONFERENCE SCHEDULE

Hilton Garden Inn Durham/Southpoint Hotel
7007 Fayetteville Road
Durham, North Carolina 27713

CONFERENCE THEME:

“AGING INFRASTRUCTURE: STATE OF THE HIGHWAYS AND BRIDGES ”

Thursday, March 8, 2012

10:00 a.m. ICRI Spring Golf (maximum 40 players)
Brier Creek Country Club, 9400 Club Hill Drive
Raleigh, North Carolina 919-206-4600

4:00 p.m.
Board of Directors Meeting – Old Chatham Ball Room

5:00 – 11:00 p.m.
Catered ICRI Chapter Membership Reception
University Board Room

DINNER ON YOUR OWN

Friday, March 9, 2012

Old Chatham Ball Room

7:00 – 8:00 a.m.
Table Top Displays set up

8:00 – 8:30 a.m.
Registration & Packet Pick-up
Table Top Displays and Coffee and Juice

8:30 a.m.
General Sessions
Welcome and Announcements
President, John McDougall, Blair-Duron Restoration

8:45 – 10:15 a.m.
Program Session I: “Bridge Preservation Workshop”
Part I: The NCDOT Bridge Program –
Mike Summers, WSP Sells
Part II: Load Testing and Corrosion Testing on Bridges -
Satrajit Das, PhD, PE, WSP Sells

10:15 – 10:30 a.m.
Program Session II: “Legal Update”
Andy Anderson, Chapter Legal Counsel,
Anderson Jones

10:30 – 10:45 a.m. - Break

10:45 a.m. – 12:00 noon
Program Session III: “Shotcrete”
Ray Schallom, Shotcrete Consultant

12:00 a.m. – 1:00 p.m.
Lunch Buffet and Drink
(included in conference Registration)

1:00 – 4:00 p.m.
Federal Highway Administration's Mobile Concrete
Laboratory (MCL)
Jagan Gudimettla, P.E., Project Engineer

Presentation: Learn about the resources FHWA has to offer in terms of training plus the latest lab tests and non-destructive testing (NDT) available for evaluating the quality of construction and material properties of concrete quality.

Tour: Visit inside the MCL to see the equipment and ask questions to the FHWA staff.

Live Demonstration: See the latest NDT to measure dowel bar misalignment (MIT Scan 2) and slab thickness (MIT Scan T2) and flaw detection using a multi-array impact-echo (MIRA).

This is a summary of the devices that will be covered in the MCL presentation:

- | | |
|----------------|----------------|
| 1. MATURITY | 7. CALORIMETER |
| 2. MIRA | 8. RESISTIVITY |
| 3. MIT SCAN 2 | 9. PULL OUT |
| 4. MIT SCAN T2 | 10. UPV |
| 5. BOND TEST | 11. MATCH CURE |
| 6. AVA | 12. SF GPR |



**Registration - 2012 ICRI Carolinas Chapter Spring Conference
 Hilton Garden Inn Durham / Southpoint Hotel
 7007 Fayetteville Road, Durham, NC 27713
 Thursday/Friday, March 8-9, 2012**

*Conference & Hotel Registration Deadlines February 8, 2012
 to be guaranteed space and/or avoid late fees.*

Company: _____

Name: _____ **NC/SC PE #:** _____

Mailing Address: _____

E-mail: _____ **Phone:** _____

ICRI Conference Registration Fees

Member Attendees: \$155 per person = \$ _____
Non-Member Attendees: \$195 per person = \$ _____

The Golf Tournament is at Brier Creek Country Club in Raleigh, NC. Tee times will start Thursday morning,, March 8, 2012 at 10:00am. Only 40 slots are available. (\$95.00 includes cart fee, 2 drink tix and boxed lunch and a "bounce back" coupon good for another free round at a later date at Brier Creek Country Club). **Skill Level** (circle your handicap): **A B C D** \$ _____

**THE 2012 ICRI CAROLINAS CHAPTER SPONSORSHIP PACKAGES
 (good for all three conferences in 2012)**

Platinum Conference Sponsorship: \$1,000 + logo art \$ _____
 (includes logo displayed in all Conference Power Points, logo in each of Chapter newsletters, all conference agendas and hospitality board, free tabletops)

Gold Hospitality Sponsorship: \$500+ logo art \$ _____
 (includes logo displayed in all Conference Power Points and acknowledgement in all newsletters, all conference agendas and hospitality board)

Silver Hospitality Sponsorship: \$250 \$ _____
 (Acknowledgement in Power Point, all newsletters, conference agendas and hospitality board)

Bronze Hospitality Sponsorship: \$100 \$ _____
 (Acknowledgement in Power Point, all conference agendas and hospitality board)

Tabletop display: \$125 (Six foot table in the meeting room) \$ _____

Total amount due \$ _____

CONFERENCE HEADQUARTERS HOTEL PACKAGE

For Reservations at **Hilton Garden Inn Durham / Southpoint Hotel** call the front desk at (919) 544-6000, reference "ICRI Carolinas Spring Conference" group rate.of \$119.00 king plus tax includes a full hot breakfast: Attendees are invited to Hospitality Suite Thursday night from 5:00pm until 10:00pm.

**Registration and sponsorships with check payable to "ICRI" by February 8, 2012 to:
 ICRI Carolinas Chapter Spring Conference, 839 Finnbar Dr. Cary, NC 27519
 OR you can pay these on-line with credit cards at www.icricarolinas.org**

For more information, call (919) 380-3054
**Registration received after February 8, 2012 should include
 \$20.00 late fee (total of \$175 member / \$215 non-member).**

2012 ICRI CAROLINAS CHAPTER SPRING SPEAKER BIOS

Mike Summers, Program Manager
WSP SELLS, Cary, NC

Mike has nearly 40 years of experience, including management of bridge replacement, bridge preservation and bridge inspection projects. He spent the last 27 years with the North Carolina Department of Transportation (NCDOT) where he coordinated right-of-way, utilities, permitting and funding for various bridge projects; generated engineering estimates for bridge replacement, bridge preservation and bridge inspection assignments to private engineering firms; and reviewed plans and contract proposals for bridge letting projects.

While working at the NCDOT, Mike managed all NCDOT purchase order contracts for bridge replacement and bridge preservation, the North Carolina Moving Ahead Bridge Replacement Program, the legislative funded bridge preservation program, and the replacement of seven bridges on the Outer Banks north of Ocracoke, NC.

Satrajit Das, PhD, PE
WSP SELLS, Cary, NC

Dr. Das has more than 22 years of collective experience in design, condition assessment and rehabilitation of a wide variety of bridges, marine port facilities, and high-rise buildings. His expertise includes structural design, nonlinear dynamic analysis including seismic analysis, design and retrofit of a large variety of structural systems, structure diagnostics utilizing a combination of non-destructive field testing, laboratory testing, load testing and advanced finite element analysis and project management.

He has a BS in Civil Engineering from the University of Rajasthan, an MS in Civil Engineering from NC State University as well as his PhD in Civil Engineering. His technical training includes Federal Highway Bridge Inspection Team Leader, and Instructor for ACEC/NCDOT Bridge Design Workshop, Raleigh, NC: "Bridge Load Rating Evaluation through Diagnostic Load Testing and Finite Element Analysis"

Dr. Das' professional affiliations include the American Society of Civil Engineers, American Society of Highway Engineers, American Concrete Institute, American Institute of Steel Construction, Earthquake Engineering Research Institute, International Association of Bridge and Structural Engineering (Zurich), Institution of Engineers, India, and the Indian Science Congress Association.

Andy Anderson, Attorney-at-Law & Partner
Anderson Jones, PLLC, Raleigh, NC

V.A. "Andy" Anderson is a partner in the law firm of Anderson Jones, PLLC in Raleigh, NC and is in his twenty-first year of practice. He is a native of Dunn, North Carolina and currently resides in Clayton, North Carolina. Prior to entering the legal profession, Andy worked for a commercial contractor part time for four years and full time for 10 years. Andy also served as Vice President of Mid-South Construction, a commercial general contractor.

Andy received his Bachelor of Arts degree from Campbell University in 1985 and Campbell University Law School in 1988. Andy is a member of the North Carolina Bar Association and Construction Law Section, is a certified Superior Court mediator and is a former member of the North Carolina Construction Law Council. He has given numerous seminars on construction matters and has taught seminars for Carolinas AGC, ABC, Mechanical Contractors of North Carolina, North Carolina Association of Electrical Contractors, Waterproofing Contractors of America, North Carolina Homebuilders, Carolinas Roofing and Sheet Metal Contractors Association and others and Continuing Legal Education classes for attorneys in construction law and OSHA defense.

He has extensive experience and represents owners, corporations, public entities, trade associations, design professionals, general contractors, subcontractors and suppliers in litigation and transactional matters, collections, lien and bond claims, construction disputes, administrative law, OSHA defense, contracts, licensing and related legal matters.

Ray Schallom, Vice President
RCS Consulting & Construction Co, Ripley, WV

Ray Schallom, III is an Underground Shotcrete Application Specialist and Vice President for RCS Consulting & Construction Co. Inc. He has 35 years of experience as a Project Manager, Owner and Superintendent. He is Past President of the American Shotcrete Association, serves as Chair of the ASA Education Committee, is a member of the Publications, Underground, Marketing, Sustainability, Pool & Recreational Shotcrete Committees, and is on the ASA Board of Directors. He is also a member of ACI 506 Shotcrete Committees, C 660 Shotcrete Nozzleman Certification, and ACI 506 Subcommittees Qualification of Shotcrete for Special Projects, Specifications, Evaluation, Guide, Underground, and Fiber Reinforced.

With over 34 years of shotcrete nozzling experience in wet and dry-mix handheld and robotic applications, Schallom is an ACI Certified Nozzleman in the wet- and dry-mix process for vertical and overhead applications, as well as an ASA-approved Shotcrete Educator, an ASA-approved Shotcrete Underground Educator; and an ACI-approved Shotcrete Examiner for wet and dry applications. He is also a member of ASTM Committee C09, Concrete and Concrete Aggregates, and Subcommittee C09.46, Shotcrete.

Jagan Gudimettla, P.E., Project Engineer
FHWA Mobile Concrete Laboratory, Washington, D.C.

Jagan Gudimettla currently works as the project engineer for the FHWA's Mobile Concrete Laboratory. He has close to 9 years of experience as project engineer for state of the art concrete and asphalt mobile laboratories operated by the FHWA for technology transfer activities. He travelled extensively to active field projects across the United States conducting traditional tests and demonstrating new technologies to agency and industry personnel. Jagan's areas of interest include quality control, advanced material testing, non-destructive testing and Mechanistic and Empirical Pavement Design Guide. He received his master's degree in pavements / materials from Auburn University and is a Registered Professional Engineer in the state of California.