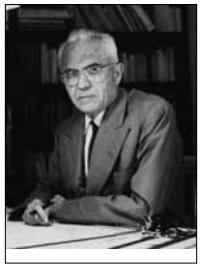
# News

## Spring Convention Sessions on Nervi and the Art of Building in Concrete



Pier Luigi Nervi

Pier Luigi Nervi is regarded as one of the most inventive structural engineers of the twentieth century. Named an ACI Honorary Member in 1969, Nervi worked at the intersection of the art and science of construction. He has been described as "the most brilliant artist in reinforced concrete of our time."

In 2009, on the 30th anniversary of Nervi's death, a broad research and educational program was promoted with the intent of disseminating Nervi's cultural legacy and exploring the complexity of his extraordinary stature as a structural artist. The program culminated in the international traveling exhibition "Pier Luigi Nervi—Architecture as Challenge," highlighting some of his most celebrated works. The exhibition is cosponsored by ACI in recognition of Nervi's ACI Honorary Membership and is expected to tour in North America in 2013.

On March 18, Mario A. Chiorino, FACI, Emeritus Professor of Structural Analysis, School of Architecture, Politecnico di Torino, Turin, Italy, will celebrate Nervi as the grand master of concrete structures and will present a preview of the international exhibition at the International Lunch of the ACI Spring 2012 Convention in Dallas, TX. In two technical sessions on the theme "Structural Concrete: An Art Form," additional speakers will review the work of other eminent pioneers and discuss recent trends in the merging of architecture and structural engineering.

Go to **www.concrete.org/Convention/Spring-Convention/Front.asp** for more event details.

## New Green Matters Conference to Examine Issues in Concrete and Sustainability

A special focus Green Matters Conference, to be held February 23-24, 2012, in San Antonio, TX, at the Henry B. Gonzalez Convention Center, brings together leading industry experts to share up-to-date information on sustainable concrete technologies and trends in green building. High-interest topics that will be covered in technical seminars include infrared reflective coatings for heat island mitigation, innovative uses of concrete to provide cooling and stormwater management, environmental benefits of polished concrete, and advancements in functional resilience of architectural concrete. The courses offer AIA-CES credits.

"When innovative products and new methods come to market, it is a challenge to evaluate when, where, and how to use them," said Sherry Boyd, Conference Director. "It's a huge advantage that the Green Matters Conference is held side by side with the Concrete Decor Show so that attendees are able to see them in use and ask technical experts questions during demonstrations and competitions."

Registration for the Green Matters Conference includes admission to the exhibit hall floor February 22-24, and live demonstrations of the latest product and equipment developments scheduled at the Henry B. Gonzalez Convention Center. The demonstration pavilion will also showcase competitions in arenas dedicated to polished concrete, concrete coatings, and precast fabrication. Lunch, included free with event registration, is served in the exhibit hall on Wednesday, February 22, and Thursday, February 23, to allow attendees uninterrupted time to network and talk with industry leaders.

An opening address by David D. Shepherd, AIA, LEED AP, Director of Sustainable Development for the Portland Cement Association, presents an industry outlook for 2012 and beyond, including an update on research at MIT being sponsored by the Concrete Joint Sustainability Initiative. The panel discussions and technical seminars at the Green Matters Conference will focus closely on materials and methods. Panel discussions include:

- "The Greening of Decorative Concrete: LEED and Beyond," moderated by John Strieder, Editor of *Concrete Décor*;
- "Reflecting on Polished Concrete: Contributing to a Green Environment," moderated by Peter Wagner, Deco-Pour;
- "Sustainable Design Using Architectural and Decorative Concrete," moderated by Timothy J. Gregorski, Senior Editor, *Building Design + Construction*; and
- "Why Green Materials Matter: Balancing Sustainability, Performance, and Economy," moderated by Jan R. Prusinski, Executive Director, Cement Council of Texas.

The Green Matters Conference is targeted to the whole building team to raise awareness of the new directions in sustainable design and green building that are made possible with architectural and decorative concrete. The new event is owned and operated by Professional Trade Publications, Inc.

Visit **www.greenconcretematters.com** to register or call (877) 935-8906 for more information.

## Post-Tensioning Institute Certification for 2012

The Post-Tensioning Institute's (PTI) field certification schedule has been announced. PTI's training and certification workshops comply with the requirements of IBC, ACI 318, and ACI 301. The programs, dates, and locations for 2012 are as follows:

- **Level 1 Unbonded PT – Field Installation:** February 25-26, Philadelphia, PA; March 24-25, Denver, CO; April 21-22, Houston, TX; May 5-6, Nashville, TN; June 9-10, Miami, FL; July 7-8, Seattle, WA; September 8-9, Memphis, TN; October 13-14, Ontario, CA; and November 10-11, Atlanta, GA.
- **Slab-on-Ground Installer-Stressor:** April 14-15, Houston, TX; and June 9-10, Ontario, CA.
- **Level 1 & 2 Unbonded PT Inspector:** February 17-19, Austin, TX; March 23-25, Charlotte, NC; April 13-15, Baltimore, MD; May 18-20, Detroit, MI; June 22-24, Denver, CO; July 27-29, Las Vegas, NV; and September 21-23, Houston, TX.
- **Level 1 & 2 Bonded PT Field Specialist:** March 14-16, Pittsburgh, PA; April 11-13, Minneapolis, MN; May 23-25, Gainesville, FL; July 18-20, Chicago, IL; September 12-14, San Jose, CA; and October 10-12, Austin, TX.

PTI certification workshops are presented by instructors with extensive experience in post-tensioning installation. Go to **www.post-tensioning.org/certification_program.php** for more information.

## Enter the 2012 PCA Concrete Bridge Awards Competition

There's still time to submit your bridge project for the 13th biennial Concrete Bridge Awards Competition, cosponsored by the Portland Cement Association (PCA) and *Roads & Bridges* magazine. Bridges of all types in which the basic structural system is concrete—highway, railway, transit, pedestrian, and wildlife crossings—are eligible. Entries are encouraged for cast-in-place or precast bridges (or combinations) with short, medium, or long spans. These bridges can be newly constructed, rehabilitated, or widened structures.

To be eligible, bridges must have been essentially completed between September 2009 and September 2011. Entries are due February 29, 2012. Interested owners, consultants, contractors, or suppliers can submit entries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online, or by downloading an entry form and submitting a hard copy version. Go to **www.cement.org/bridges/br_award_submission_form_org2.asp**.

The awards will be presented at the ACI Fall 2012 Convention in Toronto, ON, Canada, October 21-25, 2012. Winners will be announced in *Roads & Bridges* magazine, by PCA, and by other professional publications.

## Registration Open for ADSC EXPO 2012

The Association of Drilled Shaft Contractors and International Association of Foundation Drilling (ADSC-IAFD) will be holding the ADSC EXPO 2012, the largest drilling conference in the world, on March 14-17, 2012, at the JW Marriott San Antonio Hill Country Resort & Spa in Texas.

The EXPO keynote speaker will be Alberto Alemán Zubieta, CEO of the Panama Canal Authority—the agency that manages the Panama Canal—and a recipient of numerous national and international awards for his contributions to the world maritime industry. Zubieta will deliver a technical case history on the Panama Canal Expansion. Several ADSC-IAFD members worked on various stages of the project.

Zubieta joins a lineup of other industry experts for educational and professional development sessions. In addition, the ADSC EXPO is an opportunity to network among decision-making contractors, engineers, and manufacturers during receptions and more than 30 hours of exhibit time. Visit **www.adsc-iafd.com** to register for ADSC EXPO 2012.

## In Memoriam

**Robert W. Gaul** passed away after a short illness on November 4, 2011. He was an ACI Fellow and an active member of the Institute for over 45 years. Gaul was active in ACI Committee 503, Adhesives—now 548, Polymers and Adhesives for Concrete—and served as Chair for over 11 years. Additionally, he was a member of ACI Committee 515, Protective Systems for Concrete, and a past member of ACI Committee 364, Rehabilitation. He received the ACI Delmar L. Bloem Award in 1988.

Gaul received his mechanical engineering degree from Santa Clara University and later became President of Adhesive Engineering Company from 1969 until it was purchased by Master Builders in 1987. He went on to become one of the founders of Chemco Systems. He spent much of his career advocating the technically proper use of polymer resins for crack repair, segmental bonding, and paving of bridges all over the world.

**Don Pfeifer**, FACI, a pioneer in the development of solutions for corrosion-related distress in reinforced concrete structures, died December 4, 2011, at the age of 75, in Madison, CT. He received his bachelor's degree in civil engineering in 1959 and master's degree in theoretical and applied mechanics in 1960 from the University of Illinois. His professional career began at the Portland Cement Association (1960-1970). He served as the Director of the Structural Precast Division of the Precast/Prestressed Concrete Institute (1970-1972) and was the Manager of Strategic Engineering for Westinghouse Prestressed Concrete Division (1972-1976).

Pfeifer

Pfeifer joined Wiss, Janney, Elstner Associates, Inc. (WJE) in 1976, where he founded and managed the Materials group. From 1979 to 1994, he served as Principal Investigator on four major corrosion-related studies sponsored by the Federal Highway Administration or the National Cooperative Highway Research Program.

ACI Past President **Clyde E. Kesler** died December 30, 2011, in Champaign, IL. He was 89 years old. Kesler was a professor of civil engineering and of theoretical and applied mechanics at the University of Illinois for many years and earned Professor Emeritus status upon his retirement. He served as ACI President in 1967 and was named an ACI Honorary Member in 1973 for "outstanding service to the Institute and for worldwide eminence in teaching, research, and practice of concrete." Kesler served as Chair of the Technical Activities Committee for 3 years (1960-1962). He was active on other ACI technical and education committees and was also ACI's representative on the U.S. National Committee on Earthquake Engineering.

Kesler

Kesler graduated from the University of Illinois in 1943, and served as an officer in the U.S. Army Corps of Engineers in Europe and Asia. He received his MS from the University of Illinois in 1946. After a short time with the Illinois Central Railroad, he returned to the university and joined the staff of the Department of Theoretical and Applied Mechanics. In 1962, he also became a member of the Department of Civil Engineering staff.

During his career, Kesler was active in a number of technical and professional organizations, including the American Society for Engineering Education and the American Society of Civil Engineers, of which he was named a Fellow.