

Emerging Trends in Structural Concrete

July 26, 2005
Hilton Hotel
1001 Cass Street
Omaha, Nebraska 68102

Presented by
Portland Cement Association
North Central Cement Council
and the
Nebraska Concrete & Aggregates Association

The evolution of concrete continually inspires advancements and ingenuity in the built environment. We invite you to explore emerging trends in structural concrete in this half-day workshop to learn about recent advances in creating sustainable, durable, and cost-effective structures. A fast-paced four-hour workshop (4 PDHs) will provide solid background information on the latest technologies including:

- **“Emerging Trends and Innovations in Concrete”**—New advancements in concrete and cement-based products are completely changing the design and construction world.
- **Self-Consolidating Concrete**—manufacture, plastic and hardened properties, and benefits when constructing concrete building elements loaded with reinforcing steel.
- **“Design of Cost-Effective, Buildable Concrete Structures”**—Michael Kuhse, PE, SE Latest advances in the design of concrete buildings are summarized through case studies by the senior engineer of the prominent consulting firm of HDR, Inc., Omaha.
- **Blast and Progressive Collapse**—Mahmoud Kamara, PhD Incorporation in design is increasingly a mandatory requirement for structures, especially in government facilities.

Program Schedule:

7:30 AM	Registration and Buffet Breakfast
8:00 AM	Welcome and Introductions – Norm Nelson/Doug Burns
8:10 AM	<i>Emerging Trends and Innovations in Concrete</i> Amy Trygestad, PCA, New Prague, MN
9:00 AM	<i>Benefits and Utilization of Self-Consolidating Concrete</i> Peter Sobetski, DeGussa Admixtures, Inc.
9:50 AM	Break
10:10 AM	<i>Designing Cost-Effective, Buildable Concrete Structures</i> Michael Kuhse, HDR, Inc.
11:00 AM	<i>Blast and Progressive Collapse Resistance of Concrete Buildings</i> Dr. Mahmoud Kamara, PCA, Skokie, IL
12:00 Noon	Lunch

**FOUR PERSONAL
DEVELOPMENT HOURS**

Emerging Trends in Structural Concrete

July 26, 2005 – Omaha, Nebraska

\$20 by July 21 **\$25** after July 21

World class knowledge, buffet breakfast, a great Nebraska lunch and handouts

Mail registration with payment to: PCA
Attn: Caron Johnsen
5420 Old Orchard Road
Skokie IL 60077-1083

Fax registration with credit card info to PCA at **(847) 581-0644**

Online registration [click here](#).

Hotel information: Hilton Hotel
1001 Cass Street
Omaha, Nebraska 68102

Special room rate:
Julia Hanson 402.998.4204
Specify Nebraska Concrete & Aggregates Association seminar

For additional information, contact: Amy Trygestad, PE Norm Nelson
PCA Central Regional Engineer Lyman Richey
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Yes, I want to attend this important event!

Name(s): _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email _____

Amount paid:

_____ X \$20 = \$ _____ (if this registration form is faxed on or before July 20)

_____ X \$25 = \$ _____ (if faxed after July 20)

TOTAL \$ _____

For credit card payments:

Credit card type: Visa _____ MasterCard _____ AMEX _____

Credit card number: _____

Name as it appears on card (please print) _____

Expiration Date: _____

Signature: _____

We are looking forward to see you at this great workshop!
PCA, NCCC, NC&AA