



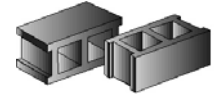
New Software Options for Hybrid Masonry/ Steel and Loadbearing Masonry



Sponsored by:

International Masonry Institute
Illinois Concrete Products Association

National Concrete Masonry Association
Wisconsin Concrete Masonry Association



Illinois Concrete Products Association

INTRODUCTION

Don't miss this exciting, national seminar series on the new concept of "hybrid" masonry/steel design featuring load-sharing reinforced masonry infill in a structural steel frame. The IMI, NCMA, Ryan Biggs Associates and Bentley Systems have teamed up to develop a new, innovative structural software program to efficiently perform a whole building analysis of both loadbearing masonry buildings and the new "hybrid" structure concept. The software uses a whole building approach – not just the analysis of individual components. Learn how this approach leads to easier, more economical, and faster engineering design of masonry buildings including irregular configurations, wall openings, multi-story structures and structural infill panels in structural steel frames and more.

PROGRAM

- Detailed engineering discussion of the basis for the hybrid wall systems.
- Demonstration of industry leading software technology using RAM Advance for hybrid masonry & steel structures.
- Loadbearing masonry engineering design criteria and methods.
- Options for using this innovative software for load-bearing masonry structures.

SPEAKERS

(Bio's on reverse side)

Space Limited - Enroll Early!

WHO SHOULD ATTEND

Structural and Civil Engineers and others interested in learning more about structural masonry. Knowledge of FEM analysis and RAM Advance software is not necessary, as the sessions will be lecture and demonstration based, not hands on.

DATE/TIME/LOCATION (Directions on reverse side)

Wednesday, November 12, 2008

Country Springs Hotel
2810 Golf Road, Pewaukee, WI 53072

Thursday, November 13, 2008

One South Dearborn - 20th Floor Conference Center
Chicago, IL 60603

7:45 AM - 8:30 AM – Registration/Continental Breakfast
8:30 AM - Noon – Seminar (no lunch)

INTRODUCTORY COST \$50 (Usually - \$125)

Registration is transferable but NOT refundable. One free copy of the new Hybrid Masonry & Steel Software (RAM Advance 9.5) will be given away to one lucky participant (Value of over \$1800).

CEU/PDH CREDITS

Attendees will receive a certificate of completion from the sponsors for 3.5 contact hours/PDH credits. It is the responsibility of the licensee to determine if this seminar meets his or her governing board of registration's requirements.

REGISTRATION FORM

Pewaukee Chicago

Name: _____

Firm Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email: _____

VISA MasterCard Discover

Card #: _____ Expiration Date: _____ Signature: _____

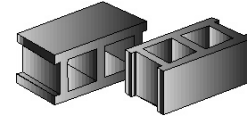
Please contact NCMA www.ncma.org or 703-713-1900 for more information on these seminars and additional seminars. For more information on Bentley's structural products, please visit: <http://www.bentley.com/en-US/Products/RAM+Advance/>

To register, **FAX** this form to: (608) 437-6941, or contact: Gloria Davies gdavies@imiweb.org 608-437-6871.
Checks should be payable to "International Masonry Institute". **MAIL** to:

International Masonry Institute – Wisconsin Office ♦ 119 S 2nd St. Suite B ♦ Mt. Horeb, WI 53572



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Products Association

SPEAKERS

Pewaukee, WI – Wednesday November 12, 2008:

David T. Biggs, PE, SECB; Dist.M. ASCE is Principal Consultant of the structural engineering firm of Ryan-Biggs Associates, P.C. headquartered in Troy, New York and is the creator of the hybrid masonry concept.

Jason Hoover, SE is a Regional Engineer for Bentley Systems, covering the Central US and Canada. He was previously a consulting engineer for 10 years, designing a wide variety of structures and performing forensic investigations. He is currently a licensed Structural Engineer in Illinois.

Samuel Rubenzer, SE, MBA is the manager for structural engineering training and services for The Bentley Structural Team and is responsible for providing training services to our structural engineering clients worldwide. His primary areas of expertise are with RAM Structural System, RAM Advance, RAM Connection, and RAM Concept. Previously, Rubenzer worked for structural engineering consulting firms in MN and WI as a project structural engineer. Rubenzer received his MBA from Marquette University, a bachelor's degree in civil engineering from the University of Minnesota, is currently a Wisconsin PE and an Illinois SE.

Chicago, IL – Thursday, November 13, 2008:

David T. Biggs, PE, SECB; Dist.M. ASCE (See Above)

Jason Hoover, SE (See Above)

Ann Marie Garko-Hill, PE works as a Training Consultant with The Bentley Structural Team and is responsible for course development, and providing training services to our structural engineering clients worldwide. Her primary areas of expertise are with RAM Structural System, RAM Advance, RAM Connection, RAM Concept, MicroStation and Bentley Structural. Previously, Ann Marie worked for a Michigan based A/E firm, as a Structural Engineer. She is experienced in structural design for steel, concrete, and masonry. She received a master of science in civil engineering from Wayne State University. She is currently a Michigan PE.

DIRECTIONS

Wednesday, November 12, 2008

Country Springs Hotel
2810 Golf Road
Pewaukee, WI 53072

From Madison: Go east on I-94 to Hwy. G (Exit 291). Go north on Hwy G to Golf Road, then right on Golf Road about 1/4 mile to the Country Springs Hotel.

From Rockford: Go north on I-90 to I-43. Take I-43 to Hwy. 83 (Mukwonago). Go north on Hwy. 83 to I-94. Go east on I-94 to Hwy. G (Exit 291). Go north on Hwy G. to Golf Road, then east on Golf Road about 1/2 mile to the Country Springs Hotel.

From Elgin, IL: Follow IL-31 ► Turn right at W Elm St/IL-120 ► Turn left at IL-31/N Richmond Rd ► Continue to follow IL-31 ► Slight left at N Main St/US-12 ► Continue to follow US-12 ► Entering Wisconsin ► Take exit 321 to merge onto I-43 N toward Milwaukee ► Take exit 50 for WI-164 toward Big Bend/Waukesha ► Turn left at Big Bend Dr/WI-164 N ► Continue to follow WI-164 N ► Turn left at WI-164 S/WI-59 W ► Continue to follow WI-59 W ► Turn right at CR-TT/Merrill Hills Rd ► Continue to follow CR-TT ► Slight right at CR-TT N/Meadowbrook Rd ► Turn right at CR-Dr/Golf Rd.

Thursday, November 13, 2008

One South Dearborn
20th Floor Conference Center
Chicago, IL 60603

From Milwaukee, WI: I-43/I-94. ► Take the Monroe St exit, Exit 51E. ► Turn Left onto W Monroe St. ► Turn Left onto S Dearborn St.

From Springfield, IL: I-55 N toward Chicago ► Merge onto I-90 W/I-94 W/Dan Ryan Expy W via Exit 292A. ► Take the I-290 W/Eisenhower Expy exit, Exit 51H, toward West Suburbs. ► Merge onto I-290 E/Eisenhower Expy E toward Congress Pkwy/Chicago Loop. ► I-290 E/Eisenhower Expy E becomes W Congress Pkwy. ► Turn Left onto S Dearborn St.

From Rockford, IL: Merge onto I-90 E toward Chicago (Portions toll). ► Take the Monroe St Exit, Exit 51E. ► Turn Left onto W Monroe St. ► Turn Left onto S Dearborn St.