TIDEWATER 2019 SYMPOSIUM
Hosted By: Allied Concrete Products LLC and Tidewater Block

REGISTER TODAY AT: WWW.ALLIEDCONCRETEPRODUCTSUSA.COM

WHEN: APRIL 25TH, 2019
TIME: 8:30AM TO 3:00PM
WHERE: THE MAIN HILTON HOTEL
(CONTINENTAL BREAKFAST AND LUNCH WILL BE SERVED)
ADDRESS: NORFOLK VIRGINIA 100 E MAIN ST, NORFOLK, VA 23510
HOTEL: HOTEL RESERVATION BLOCK AT $189 PER NIGHT.
CALL TO MAKE YOUR RESERVATIONS TODAY (757) 763-6200
DEADLINE FOR ROOM BLOCK IS MARCH 26TH

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Come see how the “New” 2015 IBC Code for Structural Masonry makes CMU the most economical building system in the marketplace. The new 2015 codes F’m has increased strength to 2000 PSI which in turn reduces steel and grouting for this tried and true building system. This code change allows for greater energy efficiency, less code checklists unlike wood and steel building systems. As of recent, CMU has been a silent giant but this is about to change.

Given the magnitude of these changes, The Virginia Members of the Southeast Concrete Masonry Association have pulled together industry experts to elaborate on the positive impact these changes have on the design and economic benefit of structural masonry.

Be sure to register today to hear industry leaders present the aspects of these major changes to CMU Construction. Earn 6 CEU or PDH hours while doing so.

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TENTATIVE SCHEDULE

7:30 TO 8:30 CONTINENTAL BREAKFAST

8:30 EVOLUTION OF CMU (FIRST PRESENTATION!!) - (1 CEU)
JASON THOMPSON, VICE PRESIDENT OF ENGINEERING, NCMA
  • IBC 2015 F’m
  • ASTM C90 Web Revisions
  • Design Implications with New IBC 2015
  • Unit Strength Recalibration Using F’m
  • Structural Impacts

9:30 INSULATED ‘NEXT GENERATION’ CONCRETE MASONRY - (1 CEU)
BOB SULLIVAN DIRECTOR, TECHNICAL SERVICES, CFIFOAM, INC.
  • Learn what energy codes require
  • Learn how to verify quality nondestructively
  • Learn how to more easily pass COMCheck
  • Learn how f’m = 2000 psi saves energy & lowers cost

10:30 OVERCOMING OBJECTIONS TO MASONRY & USING CODE CYCLES
TRANSITIONS TO PROMOTE MASONRY - (1 CEU)
JASON THOMPSON VICE PRESIDENT OF ENGINEERING, NCMA
  • What the Code Really Says
  • Peeling The Envelope Layers
  • Vapor Retarder, Water Resistance Barrier
  • Perception verses Reality

11:30 BUFFET LUNCH

12:00 STUDY OF INITIAL COST OF CONSTRUCTION
MULTI-RESIDENTIAL STRUCTURES - (1 CEU)
WALTER SCHNEIDER PH.D., P.E., CFO, MCP, CBO
  • Construction Cost Model
  • Fire Code
  • Comparative Study of Common Multi-Family Residential Building

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# Tentative Schedule

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| 1:30 | **NCMA Direct Drive Software** - (1 CEU)  
Jason Thompson, Vice President of Engineering, NCMA  
- Tremendous Time Savings  
- MSJC-Compliant  
- Backed by NCMA  
- Detailed Drawings  
- Full Calculations Display  
- No Loads Determination Needed |
| 2:15 | **3DIQ Masonry IQ for Revit Software** - (1 CEU)  
Tom Cunieo, President, 3DIQ  
- Study Modularity  
- Properly Bonded Corners  
- See Cuts at Opening  
- Custom Masonry Patterns  
- Generate Sweeps  
- Draw Masonry Sections |

At the end of the symposium stick around to see 3DIQ “Virtual Reality” Yes, walk through your building once it’s designed in 3D.
WALTER SCHNEIDER
Ph.D., P.E., CFO, MCP, CBO
Agency Director for the Centre Region Code Administration, a 25 person full service code agency administering a complete new construction code administration program for 7 municipalities and administering a comprehensive rental housing and fire code program for 6 municipalities in and around State College, Pennsylvania. He has both Bachelors and Master of Science degrees in Architectural Engineering and an earned Doctorate in Structural Engineering all from the Pennsylvania State University where he teaches senior level structural engineering design courses for the College of Engineering and the College of Agricultural Sciences. He currently is licensed to practice engineering in six states and holds certifications through the International Code Council and Pennsylvania Labor and Industry as a building code official. In addition, Dr. Schneider is very involved in local government and the emergency services, serving as a former member of Bellefonte Borough Council for four years, is the Chief of the Bellefonte Fire Department, is a hazardous materials technician with the Penn State Hazmat Team, a structural specialist with Pennsylvania Taskforce 1, and is a Pennsylvania State Suppression Instructor as a Pennsylvania State Fire Academy Adjunct Instructor and other local level ETA’s.

JASON THOMPSON
Vice President of Engineering, NCMA
Jason Thompson is the Vice President of Engineering for the National Concrete Masonry Association. His duties and responsibilities include overseeing the technical activities of the association including research and development, design, construction, and testing standards development, design resources and tools, and creating and delivering seminars and lectures covering these subjects. Jason is also active in the development of building codes and standards for masonry structures and systems where he represents NCMA and the masonry industry through the Masonry Alliance for Codes and Standards.

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BOB SULLIVAN
Director, Technical Services, cfiFOAM, Inc.

A BS/CE-Construction Option from NC State in 1962 preceded Bob’s 56 years technical & management career in the building products & construction industries. Among other responsibilities, Bob represented gypsum & insulation manufacturers to architects, contractors & distributors, and had leadership roles in developing interior partition systems, drywall finishing materials and innovative applications of mineral fiber insulation. Active for 20 years in the Insulation Contractors Association of America, he co-chaired the ICAA Technical Committee and Annual Conference & Expo, He was awarded ICAA’s Key Man six times. Bob actively participates in NCMA committees and task groups, and freely shares his knowledge of insulation materials and systems with architects, general contractors, building & fire officials, energy utilities, and industry peers to their respective benefit.

TOM CUNEIO
President, 3DIQ

Tom Cuneio has been developing computer modeling solutions for masonry since 2004. His companies, CAD BLOX LLC and 3DIQ Inc. provide leading edge solutions for BIM in both construction and design. He is actively developing software and methods to help the masonry industry capitalize on the benefits of BIM technology. He is an honors graduate of the Mechanical and Aerospace program from the University of Missouri.

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