



CSI LINK

NORTHERN ILLINOIS
CHAPTER CSI
NEWSLETTER

The Construction Specifications Institute

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MEETING DETAILS

NORTHERN ILLINOIS CHAPTER - CSI

CE PROGRAM FOR FEBRUARY 15, 2018 CHAPTER MEETING

PROGRAM TITLE:

"Building Enclosure Commissioning The Design & Peer Review

Process and Quality Assurance"

APPROVED FOR:

1.0 AIA LU/HSW Credit

PRESENTER:

Glenn J. Johnson, AIA, BEC, CSI

Senior Associate - A/E Group:

KLEIN & HOFFMAN

Architects and Structural Engineers

PROGRAM DESCRIPTION:

Building Enclosure Commissioning is an Owner driven process, whereby the Owner retains an independent third party the Commissioning Authority (CxA) to verify that the Owner's Project Requirements (OPR) are achieved. Ideally, the commissioning process should begin at project inception; during the pre-design phase and continue through the first year of a building's operation.

MEETING DATE:

**THURSDAY,
FEBRUARY 15, 2018**

MEETING LOCATION:

The Crowne Plaza
Glen Ellyn-Lombard Hotel
Map/details on page 2

4:30 - 6:00 pm

Executive Board Meeting

6:00 - 6:45 pm

Tabletops & Social Time

6:45 - 7:30 pm

Dinner

7:30 pm

Program Presentation

Full details on cost, RSVPs, map, and directions on page 2

The commissioning process is a quality based process. Overall, improved quality will lower a building's construction cost. Using principles of a quality process, everything is verified to provide a high level of confidence that the desired building and quality is achieved. The CxA must verify that goals are achieved during pre-design, design, construction, testing and occupancy.

MEETING DETAILS Continued

All chapter meetings are held at the:

Crowne Plaza Glen Ellyn-Lombard

1250 Roosevelt Rd., Glen Ellyn IL 60137
(630) 629-6000

www.crowneplaza.com/chi-glenellyn
(unless indicated as "away" meetings)

Schedule:

- 4:45 - 6:00 pm Executive Board meeting open to everyone - members, guests, presenters, and table toppers
- 6:00 - 6:45 pm Tabletops & social time
- 6:45 - 7:30 pm Dinner
- 7:30 pm Program presentation

Cost:

- Free to NICSI chapter members in good standing
- \$45 to all others
- Credit cards accepted through PayPal
PayPal URL is in the broadcast email

RSVP:

- RSVPs are required for the dinner count
RSVP URL is in the broadcast email
- No refund if you RSVP & do not attend
- Contact: President Alfred Schaffer (847) 910-0899, emw.inc@gmail.com

Tabletops:

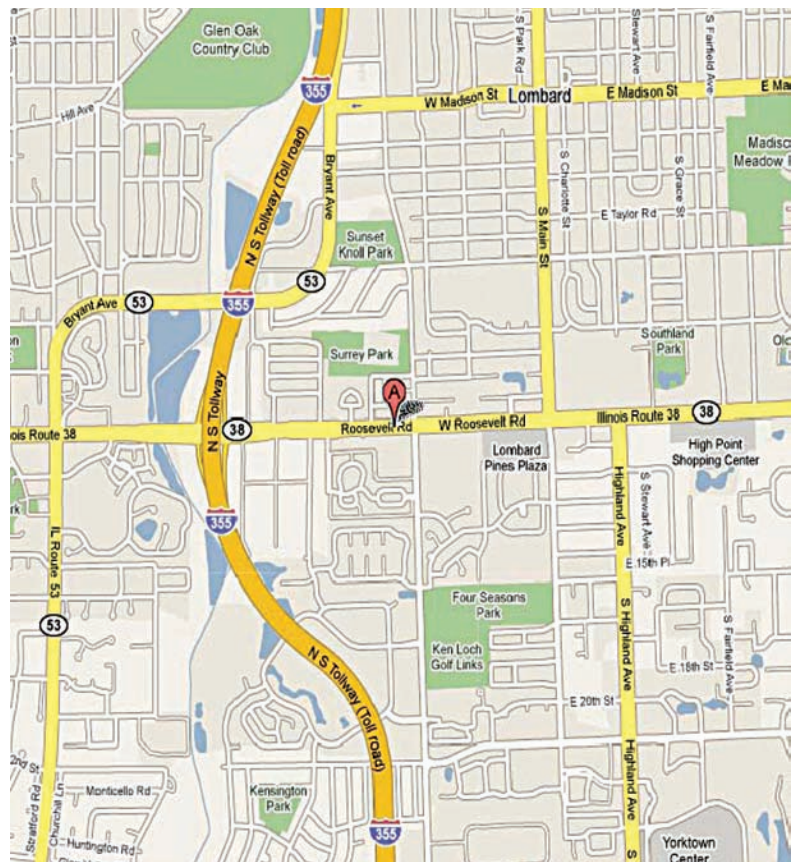
- NICSI Members: \$75 (meal included)
- Non-members: \$120 (one meal included)
- Contact: Tabletops John McKeivitt (630) 235-5119
john.mckeivitt@oldcastle.com

Attire:

- We are generally not a dress up group, suit-and-tie are rare, sport coats pop-up occasionally. Polo and dress shirts are common for members, guest, presenters, and table toppers



The Crowne Plaza Hotel is conveniently located one mile east of the intersection of I-355 and Roosevelt Road at the northwest corner of Roosevelt and Finley roads.



FEBRUARY PROGRAM / ABOUT THE SPEAKER

The CxA can verify (or corroborate) that others are providing the desired, level of quality.

A crucial element of the commissioning process is Design and Peer Review. This program will focus on the following:

LEARNING OBJECTIVES:

1. Learn why the commissioning process for building enclosure systems and assemblies can improve the quality of a buildings interior environment, thereby ensuring the health and safety of its occupants.
2. Understand the difference between "Design Review" vs "Peer Review."
3. Discuss and understand at what intervals the construction documents

should be reviewed during Schematic Design (SD) and Design Development (DD) phases.

4. Learn why Design and Peer Review have the potential to enhance the quality and reliability of the design and construction of buildings, structures and facilities; while also improving and protecting the welfare of their occupants.

PRESENTER'S BIO:

Glenn Johnson is an Architect with more than 30 years of experience in his technical architectural practice. Enclosure Peer Reviews, Enclosure Commissioning and, Enclosure

Consulting are the focus work with nearly

750,000,000 worth of construction under review at any given time. Along with his review and consulting services, his work typically includes failure investigations and contractor support services. Mr. Johnson oversees numerous performance mockup tests as well as conducting various computer based simulations to determine the optimum performance design of systems and system interfaces for a variety of projects.

Glenn J. Johnson, AIA, BEC, CSI *Senior Associate II, NE Group*

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Architectural & Structural Engineering

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www.kleinandhoffman.com

Klein Hoffman

*Architectural & Structural Engineering
Solutions for old, new, historic & modern
buildings.*



PRESIDENT'S MESSAGE



Dear Members,

It was wonderful to see so many of you at the January chapter meeting. A total of twenty eight members and guests were in attendance. Additionally, it was gratifying to receive compliments from several members regarding the quality and value of our educational programs and how, in general, the chapter has improved. My thanks to all board and committee members for their hard work and dedication.

By now, most of you have probably noticed some changes to the newsletter. That's because Jim Lucas is the new editor of the "Link." The current (February) publication is Jim's first issue since becoming newsletter editor on January 1st. Again, I extend my thanks to Jim for stepping forward and taking on the important role of editor, ensuring the continued publication of the "Link." I also want to again thank Peter Dinschel for acting as temporary newsletter editor and publisher for the past five months, and for providing excellent advice and assistance to Jim during the transition period. The January issue was Peter's last publication. Thank you, Peter.

Progress continues to be made on the build-out of our new website. Stephen Tenny, who chairs the Communications and Website committees, along with expert assistance from Peter Dinschel, have been working diligently to complete the build-out. The new website should be up and running in about one month. Thank you, Stephen and Peter. Regarding volunteerism and serving the Chapter, I want to remind everyone that we still need at least two talented and dedicated individuals to serve as Chapter Treasurer and Vice President-2. For those who are interested in serving the Chapter, please contact me for more information about the duties and responsibilities of each position. I encourage everyone to read Karen Schmidt's thoughts, on page 11, about what it means to serve others.

A NEW MEMBER: To our newest member, John Zurek, CSI, I extend my congratulations and heartfelt welcome to our chapter. John works for the Pepper Construction Company. Thank you for your interest and for joining the NICS. We're glad that you're here! Please let us know of any thoughts or concerns that you may have in order for us to best help you maximize the benefits of your membership.

I would like to thank John McKeivitt, CSI, CDT, representing Northfield Oldcastle and Yves LeGoff, BIA/CBS, representing Brampton Brick for their excellent and well received program presentation: "Inspection of Brickwork in New Construction" at the January chapter meeting. Well done, gentlemen!

Additionally, I extend my thank you to the following guests who attended last month's chapter meeting: Scott Conwell, Hans Kiefer, William Iverson and Robert Mills. I hope that all of you consider NICS membership.

IN CLOSING: I look forward to seeing everyone at the upcoming chapter meeting. See you on the 15th.

Sincerely,

A handwritten signature in black ink that reads "Alfred Schaffer". The signature is fluid and cursive.

Alfred Schaffer, CSI, CDT, BECxP, CxA+BE

President, Northern Illinois Chapter CSI

emw.inc@gmail.com | (847) 910.0899

JANUARY MEETING RECAP

The Northern Illinois Chapter CSI Meeting that was held on Thursday, January 18 was successful.

We were fortunate to have two knowledgeable speakers in John McKeivitt from Northfield Block representing the concrete masonry portion of the industry and Yves Le Goff from Brampton Brick representing the clay brick portion of the industry.

The purpose was to provide a primer for a designer or specifier when going to the jobsite. It was a lesson in how to quickly identify good quality work by looking at the flashing corners, seams and term bars. Also, the thoroughness of the mason and his/her skill can also be quickly judged by watching a few units being laid in the wall.



above: Good Info...Good Attendance...Our Thanks

Finally, look for the specified and approved products on the job and the placement of movement joints.

Yves and John did a great job in presenting this Brick Industry Association Power Point.

right:
Le Goff &
McKeivitt
Tag Team



Attitudes are Adjusted



President Al Brings us Up to Speed



Information is Exchanged

Opening the Black Box of Building Performance Simulation and Building Enclosure

15th Annual Building Enclosure Event: Thursday, February 22, 2018



Presented by: Drury B. Crawley, Ph.D., FASHRAE, BEMP, FIBPSA, AIA
Bentley Fellow and Director, Building Performance at Bentley Systems, Inc.

The building industry is undergoing profound change with amazing new technologies and systems available to make our buildings better—more sustainable, resilient and energy-efficient. Over the last 50 years, building simulation has evolved into a powerful tool for evaluating the energy performance of potential or existing buildings. Building simulation allows easy comparison of the energy and environmental performance of many hundreds of building envelope and other building systems. The buildings touted today as ‘net-zero-energy’ or ‘sustainable’ would not be possible without energy simulation—but no single simulation tool can model all aspects of our buildings today.

This presentation provides an overview of trends and drivers affecting building enclosure and the building industry as well as an overview of building performance simulation fundamentals and history, Building Information Modeling (BIM), what’s in the black box of key simulation programs, comparing underlying simulation methods, and how these can be used to design better building envelopes. (Access course learning objectives online.)

Continuing Education Units: 2.0 LU/HSW by AIA/CES and 2.0 CE by GBCI

Date: Thursday, February 22, 2018

Location: Maggiano's, 516 N Clark St, Chicago, IL 60654

Morning Session*: 7:15-7:45-Registration/breakfast buffet; 7:45-10:30am-Program

Lunchtime Session*: 11:15-Registration, 11:45am-12:15pm-Lunch, 12:15-3:00pm-Program

Cost for one session: CSI Chicago and Industry Partners Members \$40/Non-members \$48

*Breakfast and lunch sessions will be similar presentations.

Registration and complete details online at: <https://goo.gl/9Z7SJD>
 or www.csiresources.org/chicagochapter



Dru Crawley is Bentley Fellow and Director, Building Performance focusing on building performance, BIM, net-zero-energy buildings, interoperability, resilience, and sustainability. Prior to being made a Bentley Fellow in 2014, he led development of Bentley’s suite of building performance software. Before joining Bentley in 2010, he developed and managed EnergyPlus and the USDOE’s Commercial Buildings Initiative (now Better Buildings Initiative and Alliances) promoting net-zero-energy buildings. He has more than 35 years of experience in building performance, energy efficiency, renewable energy, and sustainability. He received his PhD in Mechanical Engineering from University of Strathclyde in Glasgow, Scotland where his

doctoral thesis focused on building simulation as a policy tool, looking at the potential impact of climate change on the built environment. He has a Bachelor of Architecture from University of Tennessee and is a registered architect.



CERTIFICATION CORNER

CDT Construction Documents Technologist

The Construction Documents Technology (CDT) Program provides a comprehensive overview for anyone who writes, interprets, enforces, or manages construction documents. Project architects, contractors, contract administrators, material suppliers, and manufacturers' representatives are all realizing the advantages of being Construction Documents Technologists.

A Candidate must pass the CDT exam before taking the next level of exam.

CCPR Certified Construction Product Representative

A Certified Construction Product Representative (CCPR) is a valued resource called upon by the design team again and again.

- Making sales calls, presentations, construction meetings, and product shows more effective
- Knowing the key parts of product binders and other marketing collateral
- Understanding roles and responsibilities of everyone involved in the project, and how and when to communicate with them
- Understanding all phases of the construction documentation, and your role in each phase
- Speaking the same language as the design and contractor teams

CCCA Certified Construction Contract Administrator

CSI's Certified Construction Contract Administration (CCCA) certification teaches you to develop, administer and enforce construction documentation.

- Quality assurance and quality control
- Bidding and negotiating procedures
- Construction observation and inspection
- Division 01, General and Supplemental Conditions, agreements, and all other documents related to the project
- Enforcement and liability

CCS Certified Construction Specifier

CSI's Certified Construction Specifier (CCS) is a skilled product researcher who knows how to investigate and identify cost-effective, efficient solutions, and then communicate those solutions through the specifications..

- Developing an in-depth understanding of agreement, conditions of the contract, Division 1, and their relationships to specifications.
- Having advanced skills in specification development, enabling you to use spec-writing software more effectively.
- Understanding how to research and source products.

OVERVIEW CSI CERTIFICATION PROGRAM

CSI is the construction community's authority on communication and construction documentation. Through CSI's Certification Program, you can develop a conceptual understanding of the entire construction process and concrete skills in:

- Construction documentation development and administration
- Specification writing and enforcement
- Product research and sourcing
- Communication with the design and contracting teams

CSI's Construction Documents Technologist (CDT) certificate is a prerequisite to CSI's Certifications:

- Certified Construction Contract Administrator (CCCA)
- Certified Construction Specifier (CCS)
- Certified Construction Product Representative (CCPR)

A Candidate must pass the CDT exam before taking the next level of exam.

NICSI Certification

Kenneth Moore, FCSI,
Member Emeritus, CDT, CCS, SCIP

usconsulting@earthlink.net
(630) 546-2135

PRACTICE GUIDES ►

Project Delivery ►
New version
coming soon



for CDT



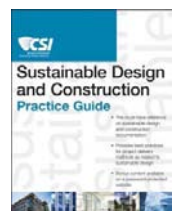
for CCPR



for CCCA



for CCS





What's happening

IN MASONRY



Gary Porter, Executive Director of the Masonry Advisory Council is called upon with questions about construction concerns and for masonry advice from a variety of Architects, Engineers, Contractors, Developers and Distributor sources. He is dedicated to ongoing education of masonry and shares helpful tips from his professional experience that may be beneficial to you.

January 2018

World of Concrete / World of Masonry 2018

“This is hands down the single greatest masonry promotion impacting our industry” said Jim O’Conner, executive director of the Mason Contractors of Greater Chicago.

Every year the largest construction trade show in the world takes place in Las Vegas, Nevada called *The World of Concrete/World of Masonry*. This is usually in late January or early February, so it is a brief escape from the Chicago winter weather. The Las Vegas Convention Center is massive and this show uses all buildings as well as two huge areas outside to display products and demonstrations. This year’s *World of Masonry* show is from January 23rd to 26th with the *Spec-mix Bricklayer 500* on Wednesday January 24th.

At the *World of Masonry* there is a national competition to determine who is the world’s best bricklayer called the *Spec-Mix Bricklayer 500*. There are regional competitions in the summer and fall which lead to the final competition comprised of 24 masons this year and their mason tenders competing for over \$125,000 in cash and prizes. The top prize is a brand new FORD F-250 4x4 XLT Crew Cab truck. The competitors have to lay as many modular sized brick as they can in 60 minutes building a double-wythe brick wall 26’-8” long and as high as they can go! Several years ago there was some question regarding the quality of the completed wall as these masons lay in one hour approximately what mason contractors figure their guys can produce in an 8 hour day. There is now a greater consideration for quality of the work and a craftsman ship award is given to the mason who can lay the most “sellable” wall of at least 500 brick. Completed walls are judged by a team of masonry experts.



World of Concrete / World of Masonry 2018

There is also a competition called the Fastest Trowel on the Block. This is a competition to see who can lay the most concrete block in 20 minutes, the wall is 30 feet long. The masons get to use a mason tender to assist them with positioning the block and tempering their mortar. There is a time at the end of the 20 minute laying period where the masons are given 4 minutes to tool and brush their wall. Judging is based on production, workmanship, plumb, level, story and voids.



Another competition called the Masonry Skills Competition, designed for those masons who are just beginning the trade. There is a competition for apprentices for 1st, 2nd and 3rd year. Each apprentice is given brick, mortar and a plan for a sample wall in which the apprentices have 3 hours to complete this wall. Once again, work is judged and prizes are awarded for the top competitors.

This competition is just one day of the show. On other days there are meetings for contractors to improve their business skills and new and innovative products to see as this trade changes a little each year.



The Masonry Advisory Council is a non-profit organization that markets and promotes the benefits of building with masonry. Our vast network of industry professionals are available through MAC as a source of education, technical support, promotion, and market outreach.

Visit our website masonryadvisorycouncil.org

For immediate masonry support call us at 847-297-6704



A NOTE FROM CATHY

There's a lot happening here at CSI and we want to make sure you are fully in the loop. To increase communication without necessarily increasing your volume of emails, I will be posting a weekly roundup of what you need to know to be the most effective region or chapter leader you can be. Here we go for this week:

Deadline to decide how you will replace your existing Syscom microsite is 2/28.

A webinar - So We Have a New Microsite. Now What? will be held Tuesday, January 16th at 2pm ET. We will be providing important, practical information both for those who have already ordered a microsite and those who haven't yet decided what they will do. Click here to register. This webinar will be recorded!

Early registration has started for the CDT, CCCA, CCPR, and CCS exams. For those with a new microsite - registration, pricing and test dates for the Spring and Fall testing cycles have been updated and released to your site.

Early registration for the Spring 2018 CSI Academy on Risk Management has been launched. Details are being released as quickly as possible - keep an eye on the Academy website pages for the latest.

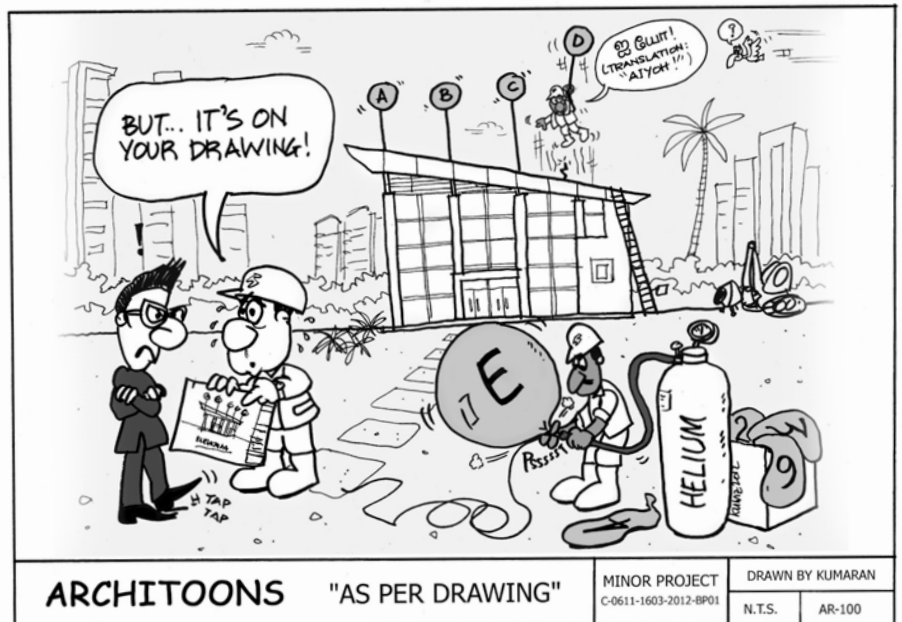
The PDPG, Second Edition has been released to the public and can be ordered from the CSI Store. Quantity discounts are still available to educators and chapter and region leaders. Contact Member Services if ordering 25 or more copies.

Speaking of the CSI Store, have you noticed it's been promoted to its own navigation tab and you no longer need to log in a second time to access it?

Please help us spread the word to members that Member Services is the first point of contact for everything related to CSI membership. They receive continual training not just in how to solve problems but also in escalating problems to the right person when it's something they cannot handle. Plus the work longer hours than the rest of the staff so they can take action more quickly. Member Services is open 8 am to 8pm ET, Monday through Friday. 800-689-2900 or memberservices@csinet.org.

Hope you have a great weekend!

Cathy Stegmaier CSI, CAE
CSI Region/Chapter Relations &
Community Manager
703-706-4737
cstegmaier@csinet.org



WE NEED YOUR HELP PLEASE CONSIDER VOLUNTEERING.....

The chapter is in need of a few talented and dedicated individuals to serve as **Chapter Treasurer**, ~~Chapter Secretary~~ and **Vice President-2** and also to serve on the following committees:

- ~~• Newsletter Publisher/Editor~~
- ~~• Electronic Communications~~
- ~~• Website/Webmaster~~

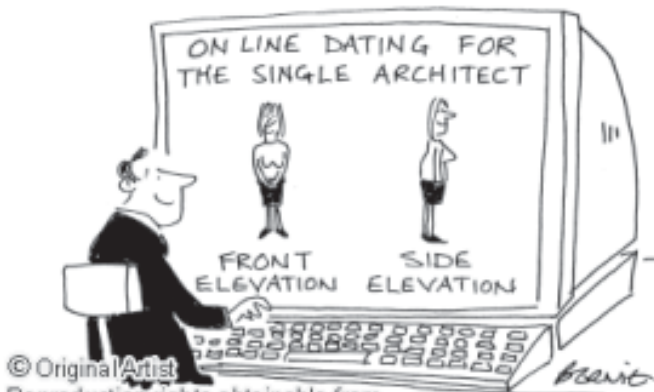
For more information about each position, please contact:

Alfred Schaffer, CSI, CDT, BECxP, CxA+BE
President, Northern Illinois Chapter CSI
emw.inc@gmail.com | (847) 910.0899

VOLUNTEERISMtwo definitions:

1. "The use or involvement of volunteer labor, especially in community services."
2. "The policy or practice of volunteering (donating) one's time or talent's for charitable, educational or other worthwhile activities, especially in one's community".

"Serving people is a privilege because it gets you out of yourself. You can use who you are, the talents that you have to make somebody's life better. Anybody can serve someone else. When we feel discouraged with our lives, the best thing that we can do is go help somebody who has more need, or even doing something as simple as smiling when you don't feel like it. It shows you care. Serving can also help you find a sense of purpose in your life." —Karen Schmidt



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Northfield
an Oldcastle company

MASONRY MONDAY

BIM TOOLS FOR MASONRY: MARCH 12, 2018

WHO: Architects, Designers,
Specifiers, Owners, GCs, BAC
Signatory Contractors, BAC
Members

DATE: MONDAY, MARCH 12TH

LOCATION: International Masonry Institute
2140 W. Corporate Dr.
Addison, IL 60101

COST / LUNCH:

The cost to attend this seminar is \$15 and registration is required. Lunch for seminar is provided by IMI.

SCHEDULE:

11:30 am – 11:50 pm Check-in & Seating
11:50 am – 12:00 pm Welcome & Tech Tip
12:00 pm – 1:30 pm Seminar & Lunch

SEATING:

Preferred, West Classroom tickets for the main classroom are limited availability to the first professionals who reserve their tickets online. We will then offer a limited number of East Classroom (overflow seating tickets) for an on-site remote classroom connected via webinar. Remote webinar viewing is not available at this time.

REGISTRATION:

[Click Here](#) for electronic registration, or visit

<https://goo.gl/oaWzue>

E-mail jdiqui@imiweb.org or call (630) 396-3144 for more information.

CONTINUING EDUCATION:

This program meets state of Illinois and AIA/CES requirements for continuing education, and qualifies for 1.5 HSW LU.

MASONRY TUESDAY

“IMI IN THE CITY” BIM TOOLS FOR MASONRY: MARCH 13, 2018

WHO: Architects, Designers,
Specifiers, Owners, GCs, BAC
Signatory Contractors, BAC
Members

DATE: TUESDAY, MARCH 13TH

LOCATION:  **AIA**
Chicago

35 East Wacker Drive,
Suite 260 (Wabash Room)
Chicago, IL 60601

COST / LUNCH:

The cost to attend this seminar is \$15 and registration is required. Lunch for seminar is provided by IMI.

SCHEDULE:

11:30 am – 11:50 pm Check-in & Seating
11:50 am – 12:00 pm Welcome & Tech Tip
12:00 pm – 1:30 pm Seminar & Lunch

SEATING:

Seating is limited to the first 60 professionals who reserve their tickets online.

REGISTRATION:

[Click Here](#) for electronic registration, or visit

<https://goo.gl/f3decM>

E-mail jdiqui@imiweb.org or call (630) 396-3144 for more information.

CONTINUING EDUCATION:

This program meets state of Illinois and AIA/CES requirements for continuing education, and qualifies for 1.5 HSW LU.

BIM TOOLS FOR MASONRY

Mark Swanson, AIA, LEED AP BD+C, NCARB
 International Masonry Institute
 Director of Industry Development – Minnesota

Tom Cuneio, CAD BLOX, LLC and 3DIQ Inc.

The BIM for masonry initiative with the support of IMI and the BAC has developed tools that make working with masonry easier and more productive in BIM models. The Goal of BIM for masonry is get quality Masonry Content into the hands of architects, engineers and contractors by way of BIM-M developed plugins and software to increase the level of detail and use of masonry within the BIM software. Some of the tools are developed specifically for REVIT and some can work in other applications. For structural engineers and General Contractors using the bond beam and rebar tools will help design and coordinate the construction of masonry walls making them more efficient, and safer. The benefit to the attendees is that they can understand that with this free resource, they can jump start their masonry library, saving them time and money. These BIM tools enable better use of masonry as a structural system, minimize cuts due to un modular dimensioning creating a safer and healthier work environment, minimize jobsite waste, and enable accurate coursing virtually that will have beneficial results to owners, occupants and construction persons building our buildings.

Learning Objectives:

1. Learn where to go for these masonry BIM tools and the basic features of the BIM for masonry tools and plugins.
2. Discover that a Structural Masonry wall is a system of beams and columns that can be modeled for clash detection.
3. Understand how to design structurally efficient masonry walls using locally available CMU strength.
4. Learn about the new OSHA Crystalline Silica Rule Discover how using these BIM tools can reduce airborne silica on the job site creating a healthier work environment.



MASONRY MONDAY

**BIM TOOLS FOR MASONRY:
 MARCH 12, 2018**

MASONRY TUESDAY

**“IMI IN THE CITY”
 BIM TOOLS FOR MASONRY:
 MARCH 13, 2018**

**Please see speaker bios on
 next page!**

PRESENTER BIOS:



Mark Swanson, AIA, CSI, LEED BD+C, NCARB

Director of Industry Development and Technical Services
International Masonry Institute

mswanson@imiweb.org

612-332-2214

Education

BARCH – University of Minnesota

Professional Registration

Minnesota

Mark Swanson, AIA, CSI, LEED AP BD+C, is a Licensed Architect, NCARB Certified and LEED Accredited Professional. As the Minnesota Area Director of the International Masonry Institute, Mark provides technical consultations, plan reviews, jobsite troubleshooting and AIA continuing education seminar presentations to the design community. Mark is involved with the National BIM

for Masonry workgroup working to raise the bar for Building Information Modeling concerning masonry. He has lectured at Georgia Tech's digital design laboratory and is an Adjunct Professor at the University of Minnesota College of Design's School of Architecture. Mark is also a mentor with the ACE Mentor program working to promote careers in architecture, construction and engineering to high school students.



Tom Cuneio, CAD BLOX, LLC and 3DIQ Inc.

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.

tom@cadblox.com | 719.232.5570

BIM Masonry Tools



BIM-M Masonry Pack 2.0
Updated Masonry Content Pack for Autodesk Revit

New & Updated Content:
Arches
Structural Bond Beams
Vertical Reinforcements in Stressed Cells
Movement Joints
Various Masonry Wall Types
Wall Finishes for Bonding Patterns
Flashing Details
Various Generic Unit Profiles

Access the free Masonry Pack at www.bimformasonry.org

MASONRY UNIT DATABASE RELEASE
A complete resource for digital representation of masonry units

WWW.MUDB.ORG

The Masonry Unit Database (MUDB) captures geometric, aesthetic, and non-geometric data needed for the utilization of masonry units; and has capabilities in producing virtual masonry product catalogs, masonry e-commerce, cost estimating, and much more.

This project has been led by BIM-M, Georgia Tech, and CTC with support from IMI, SERIC, NCMA, MAAUSA/ICMA, The Masonry Society, ISMA, and other masonry partners. Visit www.bimformasonry.org to learn more.

3DiQ Software Release
Finally a smart masonry tool inside Revit®

Be more productive with masonry inside Revit®

- Study Mobility
- Generate Cleaned Wall Sections
- See Cuts at Openings
- Place Bond Beams
- Generate Sweeps
- View Properly Bonded Corners
- Explore Masonry Patterns

Download your free trial: www.3diqinc.com
Questions about which software package is right for you? Contact Tom by calling 719-232-5570.

www.ctcexpresstools.com

www.mudb.org
www.bimformasonry.org

www.3diqinc.com

EMBEDDING THE
CDT IN
CONSTRUCTION DOCUMENTS TECHNOLOGIST
COMMUNITY COLLEGE
DEGREE PROGRAMS



Increasing Technician Preparedness in the Built Environment

The project will transform associate degree programs by embedding critical STEM and industry standards from the Construction Document Technologist (CDT) into two-year education programs. The CDT credential was chosen because it is recognized by employers as a respected entry-level credential and it addresses significant gaps in undergraduate education. This program will help community college students earn the CDT credential while they are still in school.

The project will develop and disseminate new curricular modules for undergraduate students enrolled in architectural technician and construction management associate degree programs and provide professional development for community college faculty and staff. The project outcomes will be useful to other institutions with educational programs in the built environment that are struggling to diversify their student populations, and it will also be useful to those needing to update their curriculum to meet the changing needs in the industry. There is also direct value to student and graduate job-seekers who will be better able to certify their knowledge and skills to employers.

PROJECT GOAL:

Provide community college students, including underrepresented populations, an opportunity to master STEM competencies and industry standards in demand by employers and increase graduate employability in a variety of built environment jobs.

PROJECT OBJECTIVES:

- Update community college curriculum to address knowledge and skill gaps of graduates.
- Increase female and minority student enrollments in targeted undergraduate programs.
- Increase community colleges' capacity to meet employer needs.
- Increase graduate employment and preparedness of technicians in built environment industries.

Help us promote the value of the CDT for students!

Share this opportunity with CSI chapter members who are educators or adjunct faculty!



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Increasing Technician Preparedness in the Built Environment Charlie Setterfield, Principal Investigator
Sinclair Community College 444 West Third Street 11-432 Dayton, OH 45402 937-512-2298

Professional Development Opportunity for Community College Built Environment Faculty

Summer Institute May 21 – 24, 2018

Spend four days on the Sinclair Community College campus developing and aligning enhanced curriculum modules to the seven Construction Document Technologist (CDT) knowledge areas to help students learn the basics of the CDT certification. Curriculum and content experts will help faculty align existing courses with CDT principles, as well as develop strategies for diversity and inclusion for built environment programs. There is no cost for participation in this Institute; however, faculty or their institutions are responsible for the cost of travel, accommodations, and per diem expenses. A \$1,000 travel allowance from the National Science Foundation grant will be provided for each faculty participant to help defray expenses. All or most of the expenses should be covered by the allowance.

Optional evening activities will be available and coordinated by the Institute.

Meeting Facility:

Sinclair Community College
 444 W. Third Street, Bldg. 12
 Dayton, OH 45402
 May 21 – 24, 2018, 8:30 AM – 4:30 PM daily

Participation and Completion Stipends:

Institute completion stipend of \$100 per day for each faculty for four days.
 Curriculum conversion stipend of \$500 for each faculty for implementing curriculum by December 31, 2018.
 Project evaluation and reporting stipend of \$300 for each participating faculty.

Accommodations:

Crowne Plaza Hotel
 May 20 – 24 (discounted rate of \$99.00 plus tax)

Travel Allowance:

Each faculty participant will receive \$1,000 travel allowance to offset eligible travel expenses (transportation, parking, hotel, and IRS per diem expenses).

REGISTER NOW via MOBILE APP:



August Webinar

Participating faculty will attend a webinar in August 2018 to share best practices and success of new curriculum development. Plans for 2018 – 2019 implementation activities will be shared. Participation is required.

Community College Student Benefits

As colleges implement the enhanced built environment curriculum, their students will be eligible to take the Construction Document Technologist (CDT) examination at no cost for them. Students earning the CDT credential will have an industry-recognized acknowledgement of the quality and depth of their skills. Students will be reimbursed for the cost of the exam, regardless of their pass/fail result.

For additional information, contact:

BEprep — Increasing Technician Preparedness in the Built Environment

Charlie Setterfield, Principal Investigator
 Sinclair Community College
 444 West Third Street 11-432
 Dayton, OH 45402

charles.setterfield@sinclair.edu 937-512-2298

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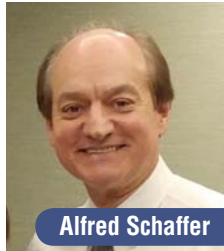
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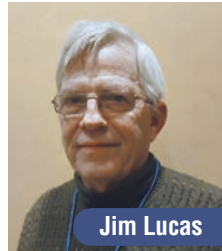
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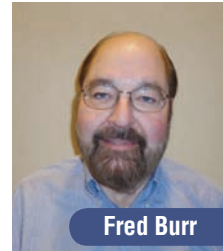
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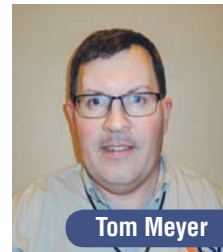
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Education: Advance construction technology through education of members and communication to and among our group.

Communication: It is our aim to create an environment that fosters valuable interaction between members and the Construction industry. Be the communication link for industry information and activities to our membership.

Research: Foster process and specification improvement aimed at providing value to our customers and clients.

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- End of Section -

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CSI's Northern Illinois Chapter serves Northern Illinois from the Mississippi River to the west, Wisconsin border to the north, and the City of Chicago to the east. There are no defined boundaries for the three Illinois CSI chapters. We are bordered by the CSI Chicago Chapter to the east and the Central Illinois Chapter CSI to the south.

Dues

\$275 Institute Professional - Institute membership must be obtained concurrent to any chapter membership

\$150 Institute Emerging Professional (less than three years experience and can be an EP for only three years)

\$50 Institute Student (full-time student status required)

\$50 Institute Retired - at least 65 years old, continuous CSI member at least 5 years, chapter endorsement

\$0 Member Emeritus - at least 70 years old, continuous CSI member at least 15 years, chapter endorsement

\$140 Northern Illinois Chapter Professional (includes meals at all monthly meetings - parties extra)

- Only NICS I Professional members have meals included in their \$140 chapter dues
- Dinners for the non-professional categories are \$45 per meeting or a yearly fee of \$140.00 for eight meetings

Contact

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John McKeivitt, CSI; (630) 235-5119; john.mckeivitt@oldcastle.com

- CSI Chicago Professional dues are \$145 (includes meals at all monthly meetings)
- Central Illinois Chapter Professional dues are \$0 (two lunch meetings a month - meal cost extra)

We have listened carefully to our guests. Our hotel has been designed to incorporate all of the comforts and conveniences you require while at the same time respecting the integrity and sustainability of our environment. Our uncompromising commitment to quality and excellent service means that your every need will be met and your expectations exceeded.

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