

Wednesday, August 8

8:00 AM – 1:30 PM

At the

University of  
Scranton's  
DeNaples Center  
McIlhenny Ballroom A

**Masonry for the Ages**



**THE NORTHERN EDITION!!**

# New Topics! New Presentations! New Learning Units for 2018!



## COMPLIMENTARY SEMINAR

### Seminar Agenda for August 8

- 8:00 AM: Arrivals and Registration.  
*Coffee served.*
- 8:30 AM: Hellos & Good Mornings  
*A few words from our sponsors.*
- 8:45 AM: Session One  
"Air Barriers for Masonry Walls"  
*Maria Viteri of the International Masonry Institute*
- 9:45 AM: Session Two  
"Flashing and Its Importance in All Buildings"  
*Erik Valentino of Masonry Preservation Services*
- 10:45 AM Session Three  
"Sustainability In Masonry Construction"  
*Chris Bupp of Hohmann & Barnard, Inc.*
- 11:45 AM LUNCH INCLUDED!
- 12:30 PM: Session Four  
"Building with Clay Brick Shapes"  
*Ron Hunsicker, Professional Engineer*
- 1:30 PM Good-Byes!  
*Just a few short words from your sponsors.*



**4 AIA/CEU Credits Available -  
Register by August 3!**

**The Masonry for the Ages Seminar—The Northern Edition!**  
is a open to architects, designers, engineers, MCACP members,  
and lead facility representatives. Please feel free to share this in-  
formation with appropriate colleagues.

Masonry Contractors Association  
of Central Pennsylvania  
P.O. Box 3216  
Gettysburg, PA 17325  
(877) 267-5191  
(540) 441-7880 - fax  
masonryseminar@gmail.com

Please see page 2 for the registration form and additional information

**Masonry for the Ages Seminar—The Northern Edition!**

Please list all registrants.

REGISTRATION FORM — 2018 MCACP Masonry for the Ages—The Northern Edition Seminar

Please list all registrants and provide an AIA membership number if applicable. You need not be a member of the AIA to attend.

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Please provide email for confirmation and event updates. You may copy this sheet for additional attendees if necessary.

**Seating is limited! Registrations are first come, first served! While there is no fee for the seminar, you must be registered to attend. Deadline to register is Friday, August 3! Lunch is included.**

**There are three easy ways to register:**

**By Email:** masonryseminar@gmail.com **By Fax:** (540) 441-7880

**By post:** MCACP MFTA Seminar, P.O. Box 3216, Gettysburg, PA 17325

If emailing, please feel free to just provide your name, company, and contact info. You need not scan the form.



Session One

**“Air Barriers for Masonry Walls”**

*Presenter: Maria Viteri of the International Masonry Institute*

Air barrier systems for exterior walls are gaining acceptance in codes and popularity in the construction market. Properly installed air barriers on masonry walls can significantly reduce building energy consumption and moisture related problems due to condensation. This session will outline the differences between an air barrier, vapor barrier and water-resistive barrier. Learn how to properly design and specify durable air barriers, and identify the proper placement of an air barrier. Understand the difference between air, vapor and water resistive barriers, and identify problems due to air leakage.

Session Two

**“Flashing and Its Importance in All Buildings”**

*Presenter: Erik Valentino of Masonry Preservation Services*

This one-hour program focuses on the detailing of flashings and its continued importance in protecting both modern and historic building envelopes. Key learning points include: Historical and modern flashing detailing concepts; Flashing use in historical buildings and roofing interfaces; Remediation of modern buildings requiring reflashings to address water leakage; Common flashing failures and corrective measures.

Session Three

**“Sustainability In Masonry Construction”**

*Presenter: Chris Bupp of Hohmann & Barnard*

The single largest issue in masonry wall design is the compatibility of various products that must work together to achieve the desired results. This can include air barrier systems, thru-wall flashings, and reinforcement/anchoring systems.

Applications - fluid applied vs. sheet applied products.

Permeable vs. Non-permeable ..Using anchoring systems successfully with air & vapor barriers.

Selecting anchors that will SEAL the air barrier and insulation.

Thermal transference - thermally broken anchors.

Advantages/Disadvantages and compatibility of various flashing materials.

Limiting Mold Problems with Moisture Management Systems.

Air ventilation within the cavity

Session Four

**“Building with Clay Brick Shapes”**

*Presenter: Ron Hunsicker, Professional Engineer*

Why use clay brick shapes? Because designs are more interesting! If a wall needs more impact, then watertables, soldier courses, arches, sills and caps are all quick solutions. Watertables, sills, and caps also move water away from walls and to the ground, decreasing the likelihood of water penetration and increasing durability. Tired of 90° corners? Then use corner shapes which can be as acute as 30° or as open as 179°. Radial bricks turn sharp corners into smooth paths, changing boxes into smoother figures. Remember that lipped brick easily disguise the horizontal movement joints which accommodate vertical movements. Brick sculptures are a delightful, large scale, durable, and economical commitment to the surrounding community. Building with Clay Brick Shapes also explores how clay brick shapes are manufactured and when a particular brick “Type” of brick should be specified.

Each presenter will be using his/her AIA/CES form for submission to the AIA. Please be sure to have your AIA number with you to ensure proper credit for the courses. If you are not registered with the AIA, or need record of PDH's, the presenter will provide you a “Certificate of Completion” for each session to keep with your records. These certificates may be mailed out after the event. **You need not attend all sessions to participate in the seminar!**