

# The Masonry Society's 2018 Annual Meetings



**Cleveland, Ohio**  
**October 3-6, 2018**

*Hyatt Regency Cleveland  
at The Arcade*



**The Masonry Society's 2018 Annual Meetings**  
*Advancing the Knowledge of Masonry*

**The 2018 Annual Meetings of The Masonry Society will be held October 3rd through 6th in Cleveland, Ohio at the Hyatt Regency Cleveland at The Arcade. The Annual Meetings feature technical sessions, committee meetings, and social activities.**

## **General Session Presentations — Thursday, October 4th**

- **Sage Advice from Masonry Experts**, *panel discussion with Ron Hunsicker, Dave Pierson, Jerry Painter, Richard Bennett, and Michael Schuller*
- **Restoring an Icon: Masonry Evaluation of Shrine of Christ the King**, *presented by Peter M. Babaian*
- **What does a Masonry Professional need to know about Portland-Limestone Cements?**, *presented by Jamie Farny*
- **The State of the Industry: Architectural Terra Cotta**, *presented by Edward Gerns & Rachel Will*
- **Twelve Years of Masonry Distress**, *presented by Emma Cardini*
- **The Changing Landscape of Green Codes and Standards**, *presented by Christine A. Subasic*
- **Can you hear me now? Applying the provisions of TMS 302 in practice**, *presented by David Sommer & Jason Thompson*
- **Tales from the Field: Engineering Masonry Structures and Contributing to the Development of Building Codes**, *presented by Chukwuma G. Ekwueme*
- **Optical Monitoring & Modelling of Masonry Behaviour Under Shear Load**, *presented by Dafne Carolina Martin-Alarcon*
- **TBD Doctoral Dissertaion**

## **Special Seminar — Friday, October 5th**

- **Direct Design Update: Handbook, Software, and BIM**, *presented by Russ Peterson*

# General Session Presentations

In addition to the Society's committee meetings, the Annual Meeting is filled with numerous educational opportunities. The following topics will be presented during the General Sessions on Thursday, October 4th. Presentations are typically 20 minutes and provide informative background on a variety of design, construction, and evaluation topics related to masonry. Certificates of Attendance and AIA Learning Units are available to those attending.

**Sage Advice from Masonry Experts**, *panel discussion with Ron Hunsicker, Dave Pierson, Jerry Painter, Richard Bennett & Michael Schuller*

In this fun, but informative session, a moderator will display, to a panel of masonry experts and the audience, a wide variety of images related to masonry – new and old; beautiful and not so much; well constructed and perhaps not as we'd expect – so that we can hear what the experts have to say, get their insights, and learn what could be done better or differently, and what was done well. *Annual Meeting attendees may submit images for consideration to be shown to the experts provided they are appropriate and relevant (send to psamblanet@masonrysociety.org by August 1, 2018 for consideration).* The moderator may choose not to use images due to possible legal considerations, redundancy with other images, or time limitations. Panelist will include Ron Hunsicker who will provide views from a manufacturer's perspective, Dave Pierson who will represent the views of designers, Jerry Painter who will be protecting the good name of masons and contractors, Richard Bennett who provides input from the perspective of a researcher and educator, and Michael Schuller who will provide insight for when buildings are not maintained and for when things go wrong.

**Restoring an Icon: Masonry Evaluation of Shrine of Christ the King**, *presented by Peter M. Babaian*

The Shrine of Christ the King experienced a fire in 2016, resulting in the roof collapse and damage to the existing masonry walls and concrete and masonry bell tower. A team of consultants evaluated the structure and developed restoration documents. The brick masonry and limestone walls and the masonry and concrete bell tower had multiple issues due to the fire and part of the determination was what needed to be stabilized and what, if any, materials were no longer suitable after experiencing the heat of the fire. To date, the evaluation is complete, the emergency stabilization work at the tower and walls complete, the restoration documents prepared, the new roof structure in place, and the new roof about to be installed. This presentation will describe the masonry evaluation, the stabilization work, protecting (or not) a masonry structure through two winters, and how to work with a masonry building that is historic.



## Continuing Education

Earn up to 5 hours of AIA Learning Units and receive Certificates of Attendance by attending the TMS Annual Meeting.

**The State of the Industry: Architectural Terra Cotta**, *presented by Edward Gerns & Rachel Will*

When the National Terra Cotta Society (NTS) was created in 1910, one of the primary goals was to encourage the use of terra cotta in building construction. The society produced guide specifications and details in a folio that was first published in 1914. Prior to this time, architects and engineers relied on various articles and a few books that addressed the use of terra cotta as a construction and architectural material. Terra cotta manufacturers of the time also provided reference details to enable designers to understand the detailing, and to promote its use. Very little information was written or published following the Great Depression, which marked a rapid decline in the use and understanding of architectural terra cotta. Beginning in the late 1970s, the demand for terra cotta began to rise again, but much of the knowledge and experience with the material was lost. As a result of this hiatus, no standards were established and this essentially remains true today. Due to accelerated distress and recent failures of contemporary architectural terra cotta, the terra cotta industry is on the verge of crisis with rising popularity of substitute materials such as GFRC and cast stone. As such, it is necessary to revisit detailing, installation methodologies and material compositions. This presentation will compare and contrast the early detailing for architectural terra cotta including the 1914 edition of the National Terra Cotta Society publication with 1927 revisions, along with other relevant industry standards and provide an assessment of the lessons learned in the industry from recent failures and how that has translated into revised detailing, material properties, production methods, alternative anchorage and installation techniques.

**Tales from the Field: Engineering Masonry Structures and Contributing to the Development of Building Codes**, *presented by Chukwuma G. Ekwueme*

The presentation will provide some distinctive aspects of structural engineering on masonry projects and highlight how the structural engineering practice can contribute to the development of masonry building codes.

**The Changing Landscape of Green Codes and Standards**, *presented by Christine A. Subasic*

The past year and a half has brought many changes in the landscape of green codes and standards. Beginning with a Memorandum of Understanding between ASHRAE, ICC and USGBC, the harmonization between three of the biggest green codes and standards continues. This presentation will provide an update on the most recent activities of these programs and insights into where they are headed next.

**What does a Masonry Professional need to know about Portland-Limestone Cements?**, presented by Jamie Farny

The specifications for mortar and grout allow for many different cement types, so masonry professionals need to understand what is available. For instance, portland-limestone cements, or PLCs, may be an unfamiliar material to many in the masonry industry. In the U.S., portland-limestone blended cement (ASTM C595) has been available since 2012. A review of the properties and composition of PLCs can help masonry professionals who specify or place cement-based materials like mortar and grout.

**Can you hear me now? Applying the provisions of TMS 302 in practice**, presented by David Sommer & Jason Thompson

TMS 302, *Standard Method for Determining Sound Transmission Ratings for Masonry Assemblies*, has recently undergone an update by TMS' Design Practices Committee. With the increased design focus on occupant comfort and sustainability in the built environment, understanding STC (Sound Transmission Class) and OITC (Outdoor-Indoor Transmission Class) of interior and exterior wall assemblies is quickly becoming a central theme in contemporary design. This session will review common applications and practical design solutions offered through TMS 302 when mitigating sound transmission challenges so designers have an opportunity to understand how their masonry design decisions impact sound transmission; thus becoming a more valuable contributor to the design team.

**Twelve Years of Masonry Distress**, presented by Emma Cardini

Originally known as the Industrial Trust Tower, the 111 Westminster Street building is the tallest building in the city of Providence and the state of Rhode Island. Standing at 428 feet and comprising 28 floors, it was the tallest building in New England for over twenty years after completion in 1928 and is most well known locally for its similarity to the Daily Planet building in the Superman comics. The building has also been featured on the Providence Preservation Society's Most Endangered Properties List multiple times (2014, 2016, and 2017). Constructed between 1927 and 1928, the building was designed by Walker & Gillette in the Art Deco style popular at the time. The majority of the facades of the building are constructed of grey Indiana Oolitic limestone. The author has performed regular close-up inspections of the building facade since 2006; initially investigating the causes of limestone distress and subsequently performing annual close-range inspections to monitor deterioration. Early project tasks included reviewing historical construction documents, observing underlying conditions at inspection openings, performing close-range facade surveys, and performing laboratory analysis of original building materials. Annual inspections have continued with only emergency stabilization repairs performed thus allowing the author to see firsthand the progression of deterioration of the limestone facade in a coastal environment over a twelve year period.

**Optical Monitoring & Modelling of Masonry Behaviour Under Shear Load**, presented by Dafne Carolina Martin-Alarcon

The seismic assessment and modelling of unreinforced masonry structures requires an adequate understanding of masonry's behaviour under shear load. In particular, the behaviour of the interface is of key importance during seismic actions. This presentation will briefly discuss a thesis study of different experimental and numerical techniques available to analyze and model the behaviour of masonry under shear loading. In particular, tests performed using an innovative optical monitoring technique will be reviewed. This nondestructive technique utilizes digital image correlation (DIC) to analyze the development of shear strain and displacements in the specimen. This technique can provide accurate depictions of the in-plane shear behaviour of masonry joints. Furthermore, this technique is minimally destructive and can be utilized with minimal surface preparation. The main parameters affecting numerical models used to replicate experimental findings will then be discussed.

**Direct Design Update: Handbook, Software, and BIM**

*presented by Russ Peterson*

**Friday, October 5, 2018, 11:45 AM - 12:45 PM**

This seminar will cover the newest upgrade of Direct Design Software. Version 3.0 has been reworked from the bottom up to handle a substantially larger subset of masonry buildings, all while maintaining the quick and easy approach that is the hallmark of Direct Design. The session will also overview the ability of the software to import structures from Autodesk Revit. All attendees will be entered in a drawing for a free one-year subscription to the software.

For more information on Direct Design Software visit:

[www.DirectDesignSoftware.com](http://www.DirectDesignSoftware.com)

**Mentoring Opportunities**

Are you new to TMS, and not sure where you should be and when, or want to just learn from someone in the know? TMS Members are a welcoming and sharing group, so if you would like a mentor, we can find some one to help you feel comfortable. Simply check the box on the registration form, and we'll be in touch with some recommendations shortly. On the other hand, if you would be willing to help mentor new or younger attendees, let us know on the registration form.

# Things to do in “Born Again” Cleveland

With origins dating back to 1840 the **West Side Market** is Cleveland’s oldest publicly owned market and features more than 100 booths of ethnically diverse food. Begun as an open air marketplace on a tract of land, it has undergone significant growth. The centerpiece of the market, the yellow brick market house with an interior concourse, was designed by the architects Benjamin Hubbel & W. Dominick Benes who also designed many other buildings in the city (i.e.: the Cleveland Museum of Art, Wade Memorial Chapel at Lakeview Cemetery, etc.). The market house was opened to the public in 1912. Its 137 foot clock tower has stood as a Cleveland landmark for over a century. The last major renovation of the market took place in 2004 when the arcade portion of the market was enclosed and heated and major interior and architectural renovations were completed. Cleveland’s melting pot of immigrant groups have long played an important role in defining the local cuisine and are represented in the booths selling fine meats, vegetables, seafood, baked goods, dairy and cheese products, and fresh flowers. There are also booths that sell ready-to-eat foods and mainstays of the local cuisine including an abundance of Polish and Central European contributions, such as kielbasa, stuffed cabbage, and pierogis.



*The West Side Market was designated one of ten “Great Public Places in America” by the American Planning Association in 2008.*

Eliot Ness, the famous crime fighter who brought down Al Capone, was Safety Director for the city in the 1930s. He was known to knock back a few cold ones at a local, popular bar. Today, that bar is home to the **Brewpub at Great Lakes Brewing Company**. During one of his stints, it’s rumored that his gun discharged a bullet that became lodged in the mahogany bar. Belly up to that same bar for a tall, cold amber lager aptly named “Eliot Ness.” As for the bullet hole? It’s still there.

Visit **Playhouse Square Center**, the second largest performing arts center in the United States behind New York City’s Lincoln Center. Catch a Broadway blockbuster in a vaudeville-style theater or do some fine dining next to a sparkling chandelier.



*Severance Hall, Photo Courtesy of ThisisCleveland.com  
© Larry E.Highbaugh Jr.*

Cleveland is home to the **Cleveland Orchestra**, widely considered one of the world’s finest orchestras, and often referred to as the finest in the US. And, it plays in one of the most elegant concert venues, **Severance Hall**, which looks like an art deco jewel box adorned with blues and silvers and elegant, feminine curves.

There are two main art museums in Cleveland. The **Cleveland Museum of Art** is a major American art museum, with a collection that includes more than 40,000 works of art ranging over 6,000 years, from ancient masterpieces to contemporary pieces. You can lay eyes on one of the largest Egyptian relic collections in the world here. Admission is free! The **Museum of Contemporary Art Cleveland** showcases established and emerging artists, particularly from the Cleveland area.

While at the gorgeous **Lake View Cemetery / Wade Memorial Chapel**, leave a penny on the tombstone of John D. Rockefeller, the wealthy industrialist who founded Standard Oil and spent much of his life in Cleveland. Legend has it that if you do so, you’ll be richly rewarded. Other notable residents interred here include President James A. Garfield, Eliot Ness and Carl B. Stokes.



*The Cleveland Museum of Art features a collection of more than 40,000 works of art ranging over 6,000 years.  
Photo Courtesy of ThisisCleveland.com*

Scenes from the classic movie, **A Christmas Story**, were filmed inside a house in the Tremont neighborhood. Today the home has been renovated to look exactly as portrayed in the movie. The home is open year round for tours and overnight stays. Directly across the street from the house is the official

**A Christmas Story House Museum**, which features original props, costumes and memorabilia from the film, as well as hundreds of rare behind-the-scenes photos

While Cleveland is very much a city made up of dozens of diverse, eclectic neighborhoods, it's Downtown Cleveland that dazzles after dusk. Nosh on farm-to-table treats at the restaurants of celebrity chefs, bowl a few strikes, sip high-end cocktails, or visit brewpubs along **East 4th Street**. Grab a nightcap and cut a rug in the **Warehouse District**. Or, dine and drink along the waterfront in the newly revived **East Bank of the Flats**. And don't forget about Cleveland's Rock 'n Roll scene - from the **Rock & Roll Hall of Fame** to the historic **Beachland Ballroom**, the steamy vinyl being pressed at **Gotta Groove Records**, and at the music clubs, arenas and amphitheaters headlining everything from major national acts to local indie favorites.



*A Christmas Story House, Photo Courtesy of ThisisCleveland.com*

## Hotel Information



The Hyatt Regency – Cleveland at The Arcade opened in May of 1890 as the first indoor shopping center in America. It quickly became one of downtown Cleveland's most popular landmarks, and was nicknamed Cleveland's Crystal Palace. The Arcade was the first building in Cleveland and the ninth in the country to be placed on the National Register of Historic Places.

Airy rooms (some overlooking the Arcade) feature contemporary decor, vaulted ceilings and flat-screen TVs, as well as wifi access and laptop-size safes. En suite bathrooms have granite tubs. Suites add separate living areas and floor-to-ceiling windows.

Dining options include a refined restaurant, a cocktail lounge offering light fare, and a coffee bar. There's also a 24-hour fitness facility, full-service spa, and business center.

### TMS Room Block Rates

Single/Double Occupancy: \$155.00 per night  
Triple Occupancy: \$180.00 per night  
Quadruple Occupancy: \$205.00 per night

*\*Cutoff date for TMS rate is September 11, 2018*

Make your reservation at the TMS rate: <https://book.passkey.com/go/masonrysociety2018>

You are encouraged to make your reservation early — several other events in the area may limit room availability

**Hyatt Regency – Cleveland at The Arcade**  
**420 Superior Avenue East**  
**Cleveland, OH 44114**

**(800) 291-9434**

## Transportation Information

For those flying into Cleveland, TMS has partnered with **Ace Taxi/Super Shuttle-Cleveland** to offer TMS Annual Meeting attendees discounted shuttle service between the Hotel and the airport. Uber, Lyft and Taxi Service (Ace Taxi and Americab) also offer service. The Greater Cleveland Regional Transit Authority (RTA) offers service between the airport and the Tower City Station (approximately ½ mile from the hotel).

For those driving into Cleveland: The Hyatt Regency offers Valet Parking and Self-Parking is available at various garages around the Hotel.

Visit [masonrysociety.org/meetings/2018-annual-meeting/](https://masonrysociety.org/meetings/2018-annual-meeting/) for more detailed information, rates, and schedules.

# Meeting Events & Activities

## **Arrival Day Event** **Tuesday, October 2, Time TBD**

If you are arriving for the meeting on Tuesday, join other early birds for food and drink at a nearby brewpub after checking in at the Hotel. This is an informal gathering and everyone is encouraged to attend. Please register for this activity so we may plan accordingly. Arrival Day registrants will be emailed with Tuesday evening's details prior to the meeting. Please note that individual costs are borne by attendees.

## **Architectural Walking Tour of Cleveland** **Wednesday, October 3, 9:00 to 11:00 AM**

Start off your stay in Cleveland by getting familiar with the area. Take a leisurely stroll through Cleveland's Gateway/Warehouse Districts and learn about the architecture, people, institutions, and events that have shaped these remarkable urban neighborhoods. This docent led 1.5 hour tour will begin at 9:00 AM on Wednesday, October 3, and end at 10:30 AM. **Meet in the Hyatt Regency Hotel lobby at 8:45 AM.** Included in the meeting registration fee (One Day-Wed. or Full Mtg).

## **TMS Member/Guest Reception at** **Rock & Roll Hall of Fame** **Wednesday, October 3, 6:00 to 9:00 PM**

This year's Member/Guest Reception will be held at the Rock and Roll Hall of Fame with the generous sponsorship of Seves Glass Block, Inc. The Rock and Roll Hall of Fame recognizes and archives the history of the best-known and most influential artists, producers, engineers, and other notable figures who have had some major influence on the development of rock and roll music. After finishing your buffet dinner, attendees are free to explore the exhibits. This event is included in the Full Meeting registration fee or the One Day - Wednesday fee and is complimentary for TMS Guests.

**\*Pre-registration is required for this event and must be received by Sept. 21st. No walkup registrations. Cash bar.**



*Cleveland Museum of Art, Photo Courtesy of ThisisCleveland.com  
© Larry E. Highbaugh Jr.*

## **TMS Awards Luncheon** **Thursday, October 4, 12:15 to 2:00 PM**

Come enjoy a wonderful meal with your friends and colleagues as we honor Dr. Richard E. Klingner, TMS's newest Honorary Member, and W. Mark McGinley, TMS's newest Fellow Member. TMS will announce the 2018 recipients of many awards including the President's Award, Theses Awards, and Service Awards. Acknowledgement will be given to outgoing Directors of the Board and past Committee Chairs. Come join us in congratulating and thanking these special Members for their contributions to TMS and the masonry technical community! This event is included in the Full Meeting Registration or One Day - Thursday fee for attendees. \$55 per person fee for additional Guests.

## **Pizza and Beer Party (Immediately Following** **TMS 402/602 Meeting)** **Thursday, October 4, 6:45 to 9:00 PM**

Join TMS and TMS 402 committee members for Pizza, Beer, and Games immediately following the Thursday TMS 402 Main Committee meeting. Relax and enjoy a brew with your pizza and wings while trying your hand at some card or board games. This event is included in the Full Meeting Registration, TMS 402/602 Multiple Day, or One Day Thursday-only fee for attendees. Complimentary for Guests.

## **Masonry Women Get Together** **Friday, October 5, 6:00 PM**

Join other women meeting attendees as they head out for cocktails and dinner after the TMS402 committee meetings. The group will decide where they want to go when meeting in the Hotel lobby at 6:00. This is a unique opportunity to network with other women in the masonry industry in a relaxed, casual environment. Please note that individual costs are borne by attendees.

## **"Younger" Member Get Together** **Friday, October 5, 9:00 to 10:00 PM**

TMS's "young" and "young at heart" Members will get together on Friday evening after the committee meetings. Younger Member Get Together registrants will be emailed with Friday evening's details prior to the meeting. Please note that individual costs are borne by attendees.



*Rock & Roll Hall of Fame, Photo Courtesy of ThisisCleveland.com*

# 2018 Annual Meeting Registration Form

## Registration & Name Tag Information

Last Name \_\_\_\_\_ First/Middle Name(s) \_\_\_\_\_ Badge Name \_\_\_\_\_  
 # of Guests \_\_\_\_\_ Guest Name(s): \_\_\_\_\_  
 Company \_\_\_\_\_ Address 1 \_\_\_\_\_  
 Phone/Fax Numbers \_\_\_\_\_ Address 2 \_\_\_\_\_  
 \*Email \_\_\_\_\_ City/State/Country/Postal Code \_\_\_\_\_

## Meetings

	TMS Members		Non-Members		Students	
	Early Rate	Late Rate	Early Rate	Late Rate	Early Rate	Late Rate
<b>Full Meeting</b>	<b>\$345</b>	<b>\$390</b>	<b>\$460</b>	<b>\$520</b>	<b>\$230</b>	<b>\$260</b>
<b>TMS 402/602 Only</b>	<b>\$240</b>	<b>\$270</b>	<b>\$320</b>	<b>\$360</b>	<b>\$160</b>	<b>\$180</b>
<b>One Day</b>	<b>\$180</b>	<b>\$210</b>	<b>\$240</b>	<b>\$280</b>	<b>\$120</b>	<b>\$140</b>

**Days Attending:**  Wed (10/3)  Thur (10/4)  Fri (10/5)  Sat (10/6)

**Registration Fee \$** \_\_\_\_\_

**Please specify all other events you plan on attending:**

- |   |   |
|---|---|
| <input type="checkbox"/> Arrival Day Event  | <input type="checkbox"/> TMS 402/602 Pizza & Beer Party       |
| <input type="checkbox"/> Architectural Walking Tour                                 | <input type="checkbox"/> TMS 402/602 Working Lunch            |
| <input type="checkbox"/> TMS Member/Guest Reception                                 | <input type="checkbox"/> Direct Design Update Special Seminar |
| <input type="checkbox"/> TMS Awards Luncheon <i>(select your meal choice below)</i> |   |
| <input type="checkbox"/> Herb Crusted Chicken Breast                                | <input type="checkbox"/> Za'atar Spiced Walleye               |
| <input type="checkbox"/> Braised Short Rib  |   |

**Meeting Mentorship**  I would like to be a Mentor  I would like to be mentored

**Meeting Sponsorship** *(Supporters will be recognized on the website and posters at the meeting)* \$ \_\_\_\_\_

**Dietary Requirements/Requests** *(TMS will try to accomodate special requests as much as possible)*

## Guest Registration\*

Guest Name(s) \_\_\_\_\_

**Please specify the number of guests attending each:**

- |   |                                      |
|---|--------------------------------------|
| _____ Arrival Day Event   | _____ TMS Member/Guest Reception     |
| _____ Architectural Walking Tour  | _____ TMS 402/602 Pizza & Beer Party |
| _____ TMS Awards Luncheon, <b>\$55 per guest.</b> <i>(select the number of guest meals below)</i> |                                      |
| _____ Herb Crusted Chicken Breast   | _____ Za'atar Spiced Walleye         |
| _____ Braised Short Rib   |                                      |

**Guest Meal Total \$** \_\_\_\_\_

Register online at [masonrysociety.org](http://masonrysociety.org)

**Total Registration & Event Fees \$** \_\_\_\_\_

## Payment

**Check Enclosed** *(Payable to The Masonry Society in USD)*  
 Check # \_\_\_\_\_  
 **Invoice\*\*** *(TMS Members only)*  
 **Credit Card** *(Visa/MasterCard/American Express/Discover)*  
 Credit Card Number \_\_\_\_\_  
 Expiration Date \_\_\_\_\_ CVV \_\_\_\_\_  
 Name on Credit Card \_\_\_\_\_  
 Billing Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Guests are invited to attend social events. However, those attending committee meetings, educational sessions, and business functions are expected to register as an attendee.

\*\*Invoices must be paid in full prior to the meeting

Cancellation requests will be accepted without penalty up to 10 business days prior to the event. Cancellations received between 3 and 10 business days prior to the event will be refunded in full less a \$75 administrative fee. No refunds will be given for cancellations received 3 days prior to the event or for "no shows". TMS retains the right to cancel any and all events up to, but not later, than two weeks prior to the event. In the event an event is cancelled, registration fees will be returned to all those registered for that event.

TMS may take photographs and video during the meeting and reproduce them in TMS educational, news, or promotional material-whether in print, electronic, or other media-including the TMS website. If you do not want your photo to appear in any of the aforementioned media, please notify TMS.

# Preliminary Schedule of Meetings & Events

## Wednesday, October 3, 2018

Time	Burlington Room	Emanuele Room
9 am – 10:30 am	Downtown Cleveland Architectural Walking Tour	OPEN for Special Sessions, Task Group Meetings, Etc.
10 - Noon		DPC Review of Direct Design Software
11 – 12 pm	Registration	
12 – 1 pm	Technical Activities Committee	Sustainability Committee
1 – 2:30 pm	Membership and Outreach Committee	Research Committee
2:30 – 3:30 pm	Construction Practices Committee	Design Practices Committee
3:30 – 4pm	Construction Practices Committee	Administrative Committee Team
4 – 4:30 pm	BIMM Committee	Administrative Committee Team
4:30 – 5 pm	BIMM Committee	Existing Masonry Committee
5 – 6:30 pm	Technical Activities Committee	Existing Masonry Committee
6:00 – 9pm	<b>TMS Member/Guest Event at Rock &amp; Roll Hall of Fame</b> (Must arrive with TMS Group-Details to be provided at Registration)	

## Meeting Sponsors

**SEVES  
GLASS  
BLOCK**

## Thursday, October 4, 2018

Time	Burlington Room	Kaiser Room
7:00 – 7:30 am		Past President's Breakfast
7:30 – 8:00 am	TMS Annual Meeting Registration and Continental Breakfast	
8:00 – 9 am	TMS General Session 1	
9 – 10 am	TMS General Session 2	
10 – 10:15 am		Break
10:15 – 11:15 am	TMS General Session 3	
11:15 – 12:15am	TMS General Session 4	
12:15 am – 2 pm	<b>TMS Awards Luncheon (Emanuele Room)</b>	
2 – 3 pm	Possible Glass Block Laying Demonstration	TMS Executive Committee
3– 5: 15pm		TMS Board of Directors
5:15 – 5:45pm		TMS 402 Executive Committee
5:45 – 6:45pm		TMS 402 Main Committee
6:45 – 9:00 pm	<b>TMS 402 Pizza, Beer, and Games Party (Burlington Room)</b>	



## Friday, October 5, 2018

Time	Burlington Room	Emanuele Room	Kaiser Room
7:30 – 5:00pm	TMS Registration	Continental Breakfast	
8:00 – 9:45 am	General Requirements Subcommittee	Design Subcommittee	
9:45 – 10:00 am		Break	
10:00 – 11:45 am		Design Subcommittee	Construction Requirements Subcommittee
11:45 am – 12:30 pm	Direct Design Update Seminar: Handbook, Software, and BIM, Russ Peterson	TMS 402 Lunch	
12:30-12:45		TMS 402 Lunch	
12:45 – 2:30 pm	Structural Members Subcommittee	Veneer & Glass Block Subcommittee	Seismic/Limit Design Subcommittee
2:30 – 2:45 pm		Break	
2:45 – 4:30 pm	Reinforcement and Connectors Subcommittee	Veneer Glass Block Subcommittee	Prestressed Masonry Subcommittee
4:30 – 5:30 pm	Partition/Infill Subcommittee	Form and Style Subcommittee	NAMC Steering Committee
6:00 – 11:00pm	Offsite Social Events	Masonry Women 6-9	Younger Member Get Together 9-11pm

## Saturday, October 6, 2018

Time	Burlington Room
7:30 – 8 am	Continental Breakfast
8 am – noon	TMS 402/602 Main Committee

## Sponsorship Opportunities

TMS is accepting sponsorships and exhibitor requests for this year's Annual Meeting. This is an excellent and affordable way to promote your organization while supporting the Society.

To sponsor, call (303) 939-9700, email [tmsmeetings@masonrysociety.org](mailto:tmsmeetings@masonrysociety.org), or visit our website:

[masonrysociety.org/product/tms-meeting-sponsorship-opportunities/](http://masonrysociety.org/product/tms-meeting-sponsorship-opportunities/)