

ACerS STRUCTURAL CLAY PRODUCTS

DIVISION and SOUTHWEST SECTION MEETING
in conjunction with
The National Brick Research Center Meeting

Thanks to our 2019 sponsors!

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June 24-27, 2019
Omni Severin Hotel
Indianapolis, IN

2019 ACERS STRUCTURAL CLAY PRODUCTS DIVISION AND SOUTHWEST SECTION MEETING

in conjunction with the **National Brick
Research Center Meeting**

www.ceramics.org/brick2019



Schedule of Events

Monday, June 24

Registration	3 – 6 p.m.
Hospitality suite	5 – 10 p.m.

Tuesday, June 25

Registration	7:30 a.m. – 5 p.m.
National Brick Research Center meeting	8 – 11:30 a.m.
Lunch on own	11:30 a.m. – 1 p.m.
Technical session 1	1 – 5 p.m.
SW Section business meeting	5 – 5:30 p.m.
Suppliers mixer	6 – 7:30 p.m.
Hospitality suite	8 – 10 p.m.

Wednesday, June 26

Plant tours	7:30 a.m. – 5 p.m.
Reception	6:30 – 7 p.m.
Banquet	7 – 9 p.m.
Hospitality suite	9 – 10 p.m.

Thursday, June 27

Technical session 2	8 – 11 a.m.
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Plant Tour Lunch Sponsors

HALBERT MILL CO.

J.C. STEELE & SONS, INC.

Plant Tours Information (bus departs 7:30 a.m.) Wednesday, June 26

GENERAL SHALE (Mooreville)

General Shale is a leading producer of clay brick, concrete products, calcium silicate stone, and PVC pipes in North America. Our products provide a variety of building materials for residential, commercial and specialty architectural projects. Operating from 14 manufacturing locations, 26 retail stores, and a network of over 200 partnering distributors across the U.S. and Canada, we are the leading clay brick manufacturer of the Southeast. The Mooreville plant was built in 2007 and has a SBE capacity of 100 million brick/year. For more information visit <https://generalshale.com>

BRICKCRAFT (Center Point)

Founded in June of 2004, BrickCraft is located in South Central Indiana, approximately 20 miles east of Terre Haute, IN. BrickCraft mines local clay and shale to produce their red body face brick in standard, modular, queen, and engineered sizes. Currently, 40 employees make up their sales, management, and manufacturing team, which manufactures approximately 40 million brick per year. For additional information, visit <http://www.brickcraft.com>.

MERIDIAN BRICK (Terre Haute)

Meridian Brick's Terre Haute, IN Plant was built in 2008 with a capacity of 120 million bricks per year in 8 sizes. Utilizing methane gas from the nearby Republic landfill, the plant obtains up to 60% of the BTU's needed for the kiln. The facility was the first manufacturing plant in the industry to receive LEED Gold certification from the U.S Green Building Council for sustainable building practices. For more information, please visit www.MeridianBrick.com.

BRAMPTON BRICK (Farmersburg)

With production starting in early 2009, Brampton Brick's Farmersburg facility has been using 21st century technology to make ASTM C-216 bricks from our local shale deposit and other local clays. The facility has a maximum Fired Brick capacity of 100 Million MBE/Year (with the ability to expand to 200 Million/Year), utilizing one JC Steele 90 extruder, robotic setting, 2 tunnel dryers and 1 Tunnel kiln firing around 1950 Degrees F. The plant currently makes 6 sizes of bricks, and employs around 35 people. We look forward to seeing you during the plant tours during the meeting. For more information visit <https://bramptonbrick.com/>

ACerS Structural Clay Products Division Leadership

Chair:

Luke Odenthal, Acme Brick Co.

Chair-elect:

Mike Walker, National Brick Research Center

Vice Chair:

Jed Lee, Meridian Brick, Augusta, GA

Secretary:

Holly Rohrer, Halbert Mill Co.

Trustee:

H. John Dowdle, Old Hickory Clay Company

ACerS Southwest Section Leadership

Chair:

David Ziegler, Prince Minerals LLC

Chair-elect:

George Campbell, J.C. Steele & Sons

Vice Chair:

Mat Tramel, Acme Brick Co.

Secretary:

Fred McMann, Fives North American Combustion

Treasurer:

Harland Dixon, Acme Brick Co.

Technical Session Presentations

TITLE

SPEAKER

SESSION 1: Tuesday 1 – 5 p.m.

New robotic setting machine at the Acme Montgomery, AL plant

Christophe Aubertot and **Hector Llamas**, Direxa & Acme Brick

Reducing Emissions with Glass Additions

John Sanders and **Randi Sims**, National Brick Research Center

Getting the most for your money: HSI Crusher Operational Excellence

Bob Bammann, Stedman

Drying Processes and Holding Room Improvements

John Conlon, Acme Brick OKC Plant

Industry 4.0-3D Printing and the Production Line

Marc Bradburry, Triangle Brick

Block Mining for Consistency and Quality

Richard Murphy, Acme Brick

Plant retrofit and production increase of the Rosema Brick plant in Johannesburg – South Africa

Christophe Aubertot, Direxa

Technology, Innovations and Solutions

Holger Rottman, Keller

Maximizing the economic efficiency of kiln car fleets

Joern Boeke, Refratechnik Ceramics

SESSION 2: Thursday 8-11 a.m.

Extrusion and Rheometry Research – Part 2

Mike Walker and **Nate Huygen**, National Brick Research Center

Acme's New Scrubbers

Neil Klein, Acme Brick

New Silica Regulations and MACT Update

Mary Ann Keon, Acme Brick

Additives 101

Bill Daidone, Lignotech

Computerized Maintenance Management System

Francisco Mariscal, Acme Brick

Musings from a Safety Expo: Facts, Thoughts, and Theories

Mike Rixner, Brampton Brick

Reducing Bat loss Back to the Fundamental

Harland Dixon, Acme Brick