

June 5-8, 2018 | Columbia, S.C. | Hilton Columbia Center

## ACerS STRUCTURAL CLAY PRODUCTS

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

## Thanks to our 2018 sponsors!

Basic Machinery Company, Inc.	Lingl
Borregaard LignoTech	MECO
Danser, Inc.	Niokem, Inc.
Direxa Engineering, LLC	Prince Minerals, Inc.
Diversified Ceramic Services, Inc.	Resco Products, Inc.
Halbert Mill Company	Reymond Products International, Inc.
Harrop Industries, Inc.	Signode Packaging Systems
Hellmich GmbH & Co. KG	STAR Engineering, Inc.
J. C. Steele & Sons, Inc.	Venator Corporation

[ceramics.org/scpd2018](http://ceramics.org/scpd2018)

# 2018 ACERS STRUCTURAL CLAY PRODUCTS DIVISION AND SOUTHWEST SECTION MEETING

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

[www.ceramics.org/scpd2018](http://www.ceramics.org/scpd2018)



## Schedule of Events

### Tuesday, June 5

Registration (Palmetto Prefunction) 3 – 6 p.m.  
 Hospitality Suite (Room 708) 5 – 10 p.m.

### Wednesday, June 6

Registration 7:30 a.m. – 5 p.m.  
 National Brick Research 8 – 11:30 a.m.  
 Center meeting (members of NBRC only) Banquet I/II  
 Lunch on own 11:30 a.m. – 1 p.m.  
 Technical Session 1 (Banquet I/II) 1 – 5 p.m.  
 Southwest Section Business Meeting (Banquet I/II) 5 – 5:30 p.m.  
 Suppliers' mixer (Yellow Jessamine/Carolina Wren) 6 – 7:30 p.m.  
 Hospitality Suite (Room 708) 8 – 10 p.m.

### Thursday, June 7

Plant Tours: 9:30 a.m. – 3:30 p.m.  
 – Carolina Ceramics  
 – Meridian Brick  
 Lunch sponsored by Carolina Ceramics  
 Reception 6:30 – 7 p.m.  
 (Sponsored by Danser)  
 Banquet (Banquet I/II) 7 – 9 p.m.  
 Hospitality Suite (Room 708) 9 – 10 p.m.

### Friday, June 8

Technical Session 2 (Banquet I/II) 8 – 10:30 a.m.

## Plant Tour Information (bus departs 9:30 a.m.) Thursday, June 7

### CAROLINA CERAMICS BRICK COMPANY

Carolina Ceramics was founded in 1939 and has been producing brick on the original site for almost 80 years. The plant first produced brick utilizing ten beehive kilns until the first tunnel kiln was added in 1966. Another kiln was added during 1970's bringing the capacity up to 30 million brick. Carolina Ceramics began producing commercial brick at this time and has strived to be the premier producer of architectural products ever since. Michael Borden purchased the company in 1997 after managing the facility for four years as a subsidiary of Cherokee Sanford Brick. The company had a great reputation but needed to improve the facilities and the biggest investments and changes came between 2000 and 2005. In 2000, a new Ceric plant with robotic technology and an index-fired kiln substantially increased capacity to 55 million bricks per year. A new grinding facility was added in 2004 with the capacity to handle additional production. In 2005, another Ceric kiln was added along with a second manufacturing line which at the time had the world's largest robot. This second plant increased the capacity to 80 million bricks per year and gave us the ability to produce rustic brick for the commercial and residential markets.

Carolina Ceramics still strives every day to make quality brick in an unrivaled color palette. We have the flexibility to produce a wide variety of sizes and colors which is very desirable in the architectural community. Carolina Ceramics currently has one plant dedicated to producing FBX quality brick and the second plant producing rustic products to simulate brick produced hundreds of years ago.

### MERIDIAN BRICK

Founded in 2016 through a joint venture between two of North America's most respected brick-making organizations, Meridian Brick brings together decades of industry experience from Boral Bricks and Forterra Brick. Meridian Brick produces high quality residential and commercial products through the largest network of plants and distribution centers in North America.

The Columbia 4 Plant was built in 1972 and is located on a 400-acre site just off I-20 adjacent to the Broad River. The facility has a rich history and established commercial architectural line featuring unique colors and textures drawn from three supporting mines (totaling over 900 acres). The site also utilizes a dual saw to cut brick for our Authentic Brick line. For more information, please visit [www.MeridianBrick.com](http://www.MeridianBrick.com).

## ACerS Structural Clay Products Division Leadership

Chair:  
**John Dowdle**, Prince Minerals LLC  
 Chair-elect:  
**Luke Odenthal**, Acme Brick Company  
 Vice Chair:  
**Mike Walker**, National Brick Research Center  
 Secretary:  
**Jed Lee**, Meridian Brick, Augusta, GA

## ACerS Southwest Section Leadership

Chair:  
**Japa Castro**, Columbus Brick Company  
 Chair-elect:  
**David Ziegler**, Prince Minerals LLC  
 Vice Chair:  
**George Campbell**, J.C. Steele  
 Secretary:  
**Fred McMann**, Fives North American Combustion  
 Treasurer:  
**Harland Dixson**, Acme Brick Co.

## Technical Session Presentations – Banquet I/II Room

TITLE	SPEAKER
<b>SESSION 1: Wednesday 1 – 5 p.m.</b>	
<i>Exploring Tools to Determine Extrudability – Capillary Rheometry</i>	<b>Mike Walker</b> , National Brick Research Center
<i>Everything You Ever Wanted to Know About Dies and More</i>	<b>Gregg Camp</b> , Reymond Products International, Inc.
<i>Faster Drying and Firing Considerations for Brick</i>	<b>John Sanders</b> , National Brick Research Center
<i>High-end Automation and Robotics in Face Brick and Thin Brick Plants</i>	<b>Holger Rottmann</b> and <b>Ulrich Hagemann</b> , Keller HCW
<i>Thin Brick Testing</i>	<b>George Campbell</b> , J. C. Steele & Sons, Inc.
<i>Solar Energy – Powering A Brick Plant With The Sun</i>	<b>Todd Butler</b> , Palmetto Brick
<i>Energy Efficiency Project at the Muskogee, OK Plant</i>	<b>William Whitfield</b> , Meridian Brick
<b>SESSION 2: Friday 8-10:30 a.m.</b>	
<i>OSHA's Silica Rule Deadline is June 23, 2018- Are You Ready?</i>	<b>Mary Ann Keon</b> , Acme Brick
<i>Update on Energy Savings at the Kiln</i>	<b>Joern Boeke</b> , Refratechnik
<i>General Overview of Clay Brick Standards</i>	<b>Mike Walker</b> , National Brick Research Center
BREAK	
<i>Setting Machine Upgrade at the Malakoff Plant</i>	<b>Harlan Dixson</b> , Acme Brick
<i>New Thin Brick Technology</i>	<b>Christophe Aubertot</b> , Direxa Engineering, LLC