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

**Thursday, June 7**
- Hospitality Suite (Room 708) 8 – 10 p.m.
- Suppliers’ mixer (Yellow Jessamine/Carolina Wren)
- Lunch sponsored by Carolina Ceramics
- Banquet (Banquet I/II) 7 – 9 p.m.
- Hospitality Suite (Room 708) 9 – 10 p.m.

**Friday, June 8**
- Technical Session 2 8 – 10:30 a.m. (Banquet I/II)
- Banquet (Banquet I/II) 6:30 – 7 p.m.
- Reception 6:30 – 7 p.m. (Sponsored by Danser)
- Lunch on own 11:30 a.m. – 1 p.m.

**Technical Session Presentations**

**SESSION 1: Wednesday 1 – 5 p.m.**
- Exploring Tools to Determine Extrudability – Capillary Rheometry
- Everything You Ever Wanted to Know About Dies and More
- Faster Drying and Firing Considerations for Brick
- High-end Automation and Robotics in Face Brick and Thin Brick Plants
- Thin Brick Testing
- Solar Energy – Powering A Brick Plant With The Sun
- Energy Efficiency Project at the Muskogee, OK Plant

**SESSION 2: Friday 8-10:30 a.m.**
- OSHA’s Silica Rule Deadline is June 23, 2018 - Are You Ready?
- Update on Energy Savings at the Klin
- General Overview of Clay Brick Standards
- Setting Machine Upgrade at the Malakoff Plant
- New Thin Brick Technology

**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.

---

**Plant Tour Information (bus departs 9:30 a.m.)**

**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.