**St. Louis Section/RCD 53rd Annual Symposium: March 28-30, 2017**

Partial list to be presented:

“High Definition Imaging of Hot Refractory During Operating Conditions”

*Bill Porter, Saku Kaukonen & Juha Roininen*

Bet-ker America, LLC & Sapotech Oy, Finland

“ASTM C08 on Refractories – An Overview of the Definitive Standard Tests for Refractories”

*Bill Headrick*

MORCO

“Why do Industrial-Sized No-Cement Castables Sometimes Explode during Heatup? A Remedy to Ensure Safe and Fast Heatup of Microsilica-Gel Bond Castables”

*Bjorn Myhre & Hong Peng*

Elkem Silicon Materials, Norway

“Spinel: In-Situ versus Performed – Clearing the Myth”

*Dale Zacherl, Marion Schnabel, Andreas Buhr, Reinhard Exenberger & Christian Rampitsch*

Almatis, Inc., Almatis GmbH Germany, voestalpine Stahl GmbH, Austria

“Reflections on Refractory Materials and Their Evaluation”

*Victor Pandolfelli*

Federal University of São Carlos

“The Use of Heat Flow Analysis and Infrared Thermography for the Identification of Alternative Insulation Strategies”

*James G. Hemrick*

Reno Refractories, Inc.

“Determining and Enhancing the Permeability of Dense Refractory Castables”

*Josh Pelletier, Christoph Wöhrmeyer, & Carl Zetterström*

Kerneos, Inc.

“Slag Corrosion Test Methods”

*Anna Mattione, Ronald O’Malley & Jeffery D. Smith*

Missouri University of Science & Technology

“The Application of Physical Properties to Refractory Design and Selection”

*Mike Alexander*

Riverside Refractories, Inc.

“The Effect of Aluminosilicate Calcine Quality on Finished Monolithic Refractory Hot Properties”

*Scot Graddick, Dave Tucker, Chris Beiter, Danilo Frulli & Steffen Mohmel*

Imerys Refractory Minerals & CARRD

“Turning Reheat Furnace into Science”

*Yong M. Lee & Kurt Johnson*

ArcelorMittal Steel Global R&D