



TMS 2012

141st Annual Meeting & Exhibition



March 11 – 15, 2012 • Walt Disney World Swan & Dolphin Resort • Orlando, Florida

Furnace Systems Technology Workshop

Sunday, March 11, 2012 • 8:30 a.m. – 4:30 p.m.

Member fee: **\$125**

Nonmember fee: **\$175**

Late Member fee: **\$150**

Late Nonmember fee: **\$225**

Course Description and Objectives:

Reduce costs, improve quality, and increase throughput with a thorough understanding of casting furnaces. This course is a comprehensive review of furnace technology and cast shop practices for improving efficiency, quality, and productivity while minimizing emissions and waste.

Topics include: basics of combustion, heat transfer, burner technology, understanding preheated combustion air, reverberatory furnace design, metal circulation, furnace technology, fundamentals of fans and blowers, reduction of melt loss, refractory selection and installation, and emissions / baghouse issues. Speakers for each topic are experts in their field to help you understand and improve your operation.

Who should attend:

The course is directed toward cast shop supervisors / managers, technical support, and engineers who work with casting furnaces.

Instructors:

Don Whipple - Bloom Engineering

Deanna Weaver - Robinson Fans

John Sutton - Harbison-Walker Refractories

Jon Gillespie - Gillespie & Powers

Oliver Moos - Gautschi

Jim Grayson - Pyrotek / EMP Inc.

David Edgerton - Dantherm

Jim Checkeye - Bloom Engineering