**Maintenance Solutions: Concepts to Troubleshooting**

**Conference Details:**
26–28 September 2023, Greenville, S.C., USA

**No. of Attendees:** 89

**Conference Highlights:**
The event featured a lineup of renowned experts who covered a wide array of essential maintenance topics. These subjects encompassed workforce readiness for the future, knowledge management strategies, effective lubrication practices, advanced bearing handling techniques, the integration of augmented reality and artificial intelligence into maintenance, gearbox maintenance, oil analysis, damage assessment in roll neck bearings, fire-resistant fluid applications, hydraulic system troubleshooting, seal longevity, and the fundamentals of shaft alignment.

One of the conference’s standout features was the opportunity for hands-on learning through demonstrations by several leading companies during a reception. This interactive session allowed attendees to gain practical insights into the latest maintenance solutions.

In addition, a tour of GE Power’s turbine manufacturing facility provided an exclusive behind-the-scenes look at cutting-edge manufacturing processes and see how gas turbines are assembled. Thank you to event sponsors Quaker Houghton, The Systems Group and the SuperBooth.

![Image](image1)
Carl Garringer (left) presented Mary Sutton (right) with a plaque of appreciation for hosting a tour of GE Power’s turbine manufacturing facility.

**Secondary Steelmaking Refractories — A Practical Training Seminar**

**Conference Details:**
3–5 October 2023, Tempe, Ariz., USA

**No. of Attendees:** 105, including 52 producers

**Conference Highlights:**
The AIST Ladle & Secondary Refining and Refractory Systems Technology Committees hosted their 15th seminar in October.

Attendees learned vital information related to secondary steelmaking refractories to help maintain safe operating conditions and a productive shift. Topics such as refractory selection, manufacturing and testing were discussed, as well as vessel design with ladles and tundishes. The course also covered new technologies related to laser measurements of refractory thicknesses and thermal imaging of ladles and slag systems.

![Image](image2)
Panelists on the first day of Secondary Steelmaking Refractories — A Practical Training Seminar included (left to right): Colin Cartmill, Rafael Bruch, Jimmy Barrett (serving as moderator), Xin Zhang and Abhishek Bhansali.