

**6th International Conference on Electrodes and Support Services
for Primary Aluminium Smelters
Reykjavik 13-15 May 2014**

6th Conference 2014

Opening Ceremony (Tuesday 13th, 8:30)

Chairman: Thorsteinn Ingi Sigfusson, Managing Director, Innovation Center Iceland

- **Keynote Presentation**
- **Barry Welch**
- **Does the design and production of carbonaceous electrodes match 21st century requirements for the aluminium smelting industry?**
- **Session 1. Modern Rodding Plants (Tuesday 13th, 10:50)**

Chairman: Ingólfur Thór Ágústsson, Alcoa Fjarðaál

 1. Árni Stefánsson, Nordural. Increasing Operational Reliability, Improving Operators Work Environment and Preparing for a Capacity Creep Program: Finding the Right Balance.
 2. Ingólfur Kristjánsson, RTA Iceland. Updating ISAL Anode Rodding Plant
 3. Barry Woodrow, Gauti Stefánsson, VHE. In-line Measurement of Clad and Stub Voltage Drop
- **Session 2. Anode Butts and Rods Transportation, Cleaning and Recycling (Tuesday 10th, 13:30)**

Chairman: Halldór Guðmundsson, Norðurál

 1. Serdar Yesiltepe, Qatalum. Rod Repair Area Challenges & Stub Welding Quality Inspections.
 2. Einar Odd Frosta, Hydro Årdal. Anode Cover Material – Impact on Anodes
 3. Peter Varga, Ivan Measaros, Peter Janciga, Slovalco. Anode tracking system at Slovalco.
 4. Will Berends. Hatch Technology Group. Low Resistance Electrode Assemblies for Production of Metals.
- **Session 3. Anodes and Cathodes – Optimal Assembly (Wednesday 14th, 8:30)**

Chairman: Helgi Magnússon, Rio Tinto Alcan Iceland

 1. Egil Skybakmoen, SINTEF. Degradation of Lining Materials in Al-Electrolysis Cells
 2. Ghazanfar Abbas, SGL Carbon. SGL In-situ Measurement System - Lancelot
 3. Italo Dal Porto, HMR Hydeq. HMRs automated stud repair line.
- **Session 4. Cathode repair (Wednesday 14th, 10:30)**

Chairman: Thröstur Guðmundsson, HRV

 1. Rene Von Kaenel, Jacques Antille and Louis Bugnion, KAN-NAK. Latest achievements in Energy savings by using New Cathode designs.
 2. Einar Rögnvaldsson, VHE. Rodding Plant Brownfield Projects – Plans and Reality
 3. Gerrit Hiddink, Hencon BV. AGV Anode butt/bath transport and automation.
- a. **Session 5. Increasing Productivity – Decreasing Impact on Environment (Wednesday 14th, 13:00)**

Chairman: Rene Von Kaenel, KAN-NAK

 1. Surendra Rooplal, Qatalum. Waste management and Minimisation - Recycling.
 2. Erik Dupon, Danieli Corus. On the reduction of hydrocarbon emissions from modern anode baking furnaces and paste plants
 3. Jón H Magnússon, Metaltech. Measures and equipment to minimize stub to anode voltage drop.
- a. **Session 6. Industry Trends (Thursday 15th, 8:30)**

Chairman: Ghazanfar Abbas, SGL Carbon

 1. Christine Keener, Alcoa. Developments in aluminium markets.
 2. Helgi Thor Ingason, Reykjavik University. Alur – Recycling aluminium dross.
 3. Thröstur Gudmundsson, HRV. Carbon footprint of Icelandic Aluminium Industry