

**4th International Conference on Electrodes and Support Services
for Primary Aluminium Smelters
Reykjavik 15-17 April 2008**

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Opening Ceremony (Tuesday 15th, 8:30)

Chairman: Thorsteinn Ingi Sigfusson, Innovation Center Iceland

- **Keynote Presentation**

- The Future of Petroleum Coke Supplies for Aluminium Smelting – A Rapidly Changing Situation. Les Edwards, Rain CII Carbon LLC.**

- **Session 1. Modern Rodding Plants (Tuesday 15th, 10:50)**

- Chairman: Thröstur Gudmundsson, HRV Engineering**

- 1. **New rodding shop at Fjarðaál. Ingólfur Kristjánsson and Júlíus Brynjarsson, Alcoa Fjarðaál**

- 2. **Sunndal Rodding – The success story. Terje Brusethaug, Hydro Sunndal.**

- 3. **Improvements at Alcan Iceland, Straumsvik. Daði Hafþórsson, VHE.**

- a. **Session 2. Anode Butts and Rods Transportation, Cleaning and Recycling (Tuesday 15th, 13:30)**

- Chairman: Rajiv Dhameja, Century Aluminium**

- 1. **Upgrade of SØRAL rodding plant - the balance between well proven technology and introduction of new solutions. Ragnar Breivik, Söral.**

- 2. **Current Increase and Next Generation Rodding. Knut Skår, Impec.**

- b. **Session 3. Optimal Assembly of Anodes and Rods (Wednesday 16th, 8:30)**

- Chairman: Robert Roy, Alcoa Fjarðaál**

- 1. **ALBA Line 5 Expansion. Behnam Dawani, Aluminium Bahrein.**

- 2. **Gains of Productivity and Energy Conservation by Technical Achievements. Stefán Thór Ragnarsson and Bjarni Jónsson, Alcan Iceland.**

- 3. **Brochot in the Aluminium Industry. Jean Jacques Grunspan, Brochot.**

- c. **Session 4. Cathode repair (Wednesday 16th, 10:30)**

- Chairman: Ingvar Pálsson.**

- 1. **Considerations of Reduction Cell Cut Out and Lining Replacement. Geoff Bearne and David Molenaar, Rio Tinto Alcan Primary Metal Group.**

- 2. **Preheating of cathode blocks and ramming. Jan D Hansen, Almeq.**

- 3. **Trends in Cathode Lining. Philippe Beghein, SGL Carbon.**

- a. **Session 5. Increasing Productivity (Wednesday 16th, 13:00)**

- Chairman: Ingólfur Kristjánsson, Alcoa Fjarðaál**

- 1. **Latest development in Alcan's AP3X Pot Technology. Bernard Allais, Alcan.**

- 2. **The present bus bar design at Trimet and its development with simulation models. Joerg Prepeneit, Trimet Aluminium.**

- 3. **Effective Rodding Plant Simulation with RSP v1. Olivier Pellegrin, OP Consulting.**

- a. **Session 6. Industry Trends (Thursday 17th, 8:30)**

- Chairman: Rannveig Rist, Alcan Iceland.**

- 1. **The Aluminum Industry – Growth and Prospects. Rajiv Dhameja, Century Aluminium.**

- 2. **Aluminum – Part of the Solution. Tómas Már Sigurðsson, Alcoa Fjarðaál.**

- 3. **The Iceland Deep Drilling Project. Guðmundur Friðleifsson, IDDP Representative.**