

3rd International Conference and Workshop on  
Anode Rodding Plants for Primary Aluminium Smelters  
Nordica Hotel, Reykjavik, 21-23 September 2005

**Tuesday 20 September.**

- 13:00-18:00 Registration  
18:00-19:30 Welcome reception – Nordica Hotel

**Wednesday 21 September, 8:30-10:00. Opening Ceremony.**

**Chairman: Mr. Sveinn Þórgímsson, Director of Innovation and Industrial Affairs, The Ministry of Industry.**

- Mrs. Valgerður Sverrisdóttir, Minister of Industry and Commerce – Opening Address
- Tim Smith, DMG – Conference and Workshop Programme. Presentation and Aim
- Jeff Keniry – Alumination Consulting Pty. Ltd. – Keynote address – Economic Implications for Rodding Rooms
- Yousef Al Farsi and Tapan Kumar Sahu – Dubal. Case study: Rodding Process Improvement at Dubal

**Wednesday 21 September, 10:50-12:20. Session 1 – Modern Rodding Plants.**

**Chairman: Mr. Ingólfur Þorbjörnsson, IceTec.**

- Paul Gravel and Emmanuel Bergeron – Alcan Alma. Alcan Alma New Anode Rodding Shop - Start-up and early operation
- Diane D. Martin and Robert W. Roy – Alcoa. Applying Lean Manufacturing Concepts to Anode Rodding
- Jean Bigot - Alcan Aluval France. Optimisation of Rodding Shop design and operation

**Wed. 21. 13:30-15:00. Session 2 – Anode butts and rods transportation, cleaning and recycling.**

**Chairman: Mr. Ingvar Þalsson, Alcan Iceland Ltd.**

- Sveinn Snæland – Nordural. Changing challenges of handling four or five products from spent anodes
- Jon H. Magnusson – Altech SMV. Inspection and Repair of Anode Rods and Stubs for Improved Cell Efficiency
- Ashwin Gulzar – Hillside Aluminium. Optimization through Automation and Controls

**Wednesday 21 September, 15:30-17:30. Workshop session 1.**

**Anode butts and rods transportation, cleaning and recycling.**

**Wednesday 21 September, 18:00-19:30. Reception, Reykjavik City Hall,**

**Thursday 22 September, 8:30-10:00. Session 3 – Optimal assembly of anodes and rods.**

**Chairman: Dr. Birgir Jóhannesson, IceTec.**

- Stefan Þor Ragnarsson – Alcan Iceland Ltd. Rod maintenance for minimisation of voltage drop
- Barry Woodrow – Stimir Graphite coating of Anode Rod Stubs
- Jean Jacques Grunspan – Brochot. The baked anode slot cutting machine

**Thursday 22 September, 10:30-12:00. Session 4 – The magic of cast iron.**

**Chairman: Mr. Sveinn Snæland, Nordural.**

- Jon Þor Þorgrímsson – Malmsteypa Þorgríms J. ehf. - Cast iron in the rodding shop
- Rudolf Schwarz, Wilfried Schmitz and Frank Donsbach – Otto Junker GmbH Reliable and Energy Efficient Induction Melting Plants for Anode Rodding Shops.
- Eiríkur Bragason – Orkuveita Reykjavíkur. Energy for aluminium production

**Thursday 22 September, 13:00-14:30. Session 5 – Increasing productivity.**

**Chairman: Mr. Tomas M. Sigurdsson, Alcoa Fjarðaal.**

- Barry Welch – University of New South Wales Increasing amperage
- Marcus Meier, Werner K. Fischer and Theo Müller – R&D Carbon Influence of Anode Quality on Aluminium Production Cost.
- Albert Albertsson - Hitaveita Sudurnesja. The Svartsengi Resource Park

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**Thursday 22 September, 14:30-16:00. Workshop session 2.**  
**The magic of cast iron**

**Thursday 22 September. 16:30-18:30. Sightseeing Cruise from Reykjavik Harbour.**

**Friday 23 September, 8:30-10:00. Session 6 – Industry Trends.**

**Chairman: Mrs. Rannveig Rist, Alcan Iceland Ltd.**

- **Abdulmunim S.S. Bin Brek – Dubal.** DUBAL's development through the 25 years
- **Willy E. Kristensen – Nordural.** Moving towards zero anode effect frequency while achieving world class KPI
- **Eirikur S. Svavarsson – Landsvirkjun.** Electricity and Primary Aluminium in Iceland – Present Development and Outlook

**Friday 23 September, 10:00-10:30. Closing Ceremony.**

**Dr. Tim Smith, DMG World Media, Editor "Aluminium International Today".**

**Friday 23 September. Technical visits.**

**12:30** Two buses leave Nordica Hotel for technical visits

**13:00** First bus arrives at Alcan Iceland and Norðurál

**13:00-14:00** Technical visit – Alcan Iceland and Norðurál

**14:10** Buses leave – go to other smelter

**15:00** Second bus arrives at Alcan Iceland and Norðurál

**15:00-16:00** Technical visit – Alcan Iceland and Norðurál

**16:10** Buses leave for Nordica Hotel

**16:30-17:00** Buses arrive at Nordica Hotel

**Friday 23 September, 18:00-19:30. Reception, Nordica Hotel.**