

**Monday 22 September**

- 08.30** Registration + Coffee
- 09.00** **Workshop Introduction**
- 09.15** **Anode Rodding Technology**
- 09.45** **ALTRACK Quality Control**
  - Rod and Anode Coding and Tracking
  - Stub Inspection
  - BiMetal Inspection
- 10.30** Coffee
- 10.45** **Rod Repair**
  - Stub Straightening
  - Stub Equalizing
  - Stub Cutting and Welding
  - Rod Straightening
  - Stub Protection
- 11.45** **Anode Assembling**
  - Casting Machine
  - Stub Coating
  - Induction Furnaces
- 12.30** **Lunch**
- 13.45** **Electric Heaters**
  - Ladle Heaters
  - Stub Heaters
  - Anode Hole Heaters
- 14.00** **Rod Recuperation**
  - Butt Cleaning
  - Bath Processing
  - Butt Stripping and Crushing
  - Thimble Stripping
- 14.30** **BiMetal Clads**
  - Latest Technology
  - Welding Procedures
- 15.00** **Overhead Conveyors**
- 15.30** **Visit to ALTECH's Workshop – presentation of:**
  - Stub Straightening Machine
  - Rod Straightening Press
  - ALTRACK
- 17.00** **Return to Hotel**
- 18.00–19.00** **Reception – Nordica Hotel**  
Hosted by ALTECH and Partners

**For all Conference and Workshop Delegates**

**Tuesday 23 September**

- 07.30–08.30** Registration & Service Desk
- 08.30–10.00** **Opening Ceremony**  
Chairman: Mr. Hallgrímur Jónasson, General Director, IceTec, Iceland  
**Opening Address:**  
Minister of Industry and Commerce, Iceland  
**Conference and Workshop Programme - Presentation and Aim**  
Mr. Ken Stanford, Managing Editor, "Aluminium International Today", UK  
**Keynote Address:**  
The Influence of the Rodding Room on Overall Smelter Performance  
Prof. Mark Taylor, Director, Light Metals Research Centre, Auckland University, New Zealand
- 10.00–10.50** Coffee / Table top exhibition
- 10.50–12.20** **S 1 Modern Rodding Plants**  
Chairman: Mr. Ingólfur Þorbjörnsson, IceTec
  - Hillside Rodding Plant Capacity Increase To Support Potline Expansion  
Mr. Werner van Schalkwyk and Mr. Frank Holloway, Hillside Aluminium, South Africa
  - Modern Anode Rodding Plant  
Mr. Barry Woodrow and Mr. Jon Magnusson, Altech, Iceland
  - The Challenges of Jointing and Rodding Retrofitted Inert Anodes  
Mr. Curtis McMinn and Dr. Olivier Crotz, Moltech Systems, Switzerland
- 12.20–12.30** Lunch Sponsor Presentation – Nordic Aluminium, Iceland
- 12.30–13.30** **Lunch Hosted by Nordic Aluminium**
- 13.30–15.00** **S 2 Optimal Assembly of Anodes and Rods**  
Chairman: Mr. Sveinn Snæland, Rodding Plant Manager, Nordic Aluminium, Iceland
  - Cast Iron Chemistry for Anode and Cathode Rodding  
Mr. Juan Romero, Alcan, Canada
  - Voltage Drop – Stub and Rod Repair  
Mr. Bernd Rolofs, ERFT Carbon, Germany
  - Rod Repair – Measures to Monitor Rod Condition  
Mr. Ingi Rútsson, Stimir, Iceland
- 15.00–15.30** Coffee
- 15.30–17.30** **Workshop Sessions 1-2**
  - WS 1 Modern Rodding Shops  
Chairman: Mr. Richard Starkweather, Managing Director, Nordic Aluminium, Iceland
  - WS 2 Optimal Assembly of Anodes and Rods  
Chairman: Mr. Sveinn Snæland, Rodding Plant Manager, Nordic Aluminium, Iceland
- 18.30–20.00** **Reception – Reykjavík City Hall**  
Hosted by Mayor of Reykjavík City.

**Wednesday 24 September**

- 07.30–08.00** Registration & Service Desk
- 08.30–10.00** **S 3 Increasing Productivity**  
Chairman: Mrs. Rannveig Rist, General Manager, Alcan Iceland
  - Anode Yoke Design and Stub Sizing – some practical and operating issues  
Prof. Barry Welch, Light Metals Research Centre, Auckland University, New Zealand
  - Increased Amperage  
Mr. Bernd Rolofs, ERFT Carbon, Germany
  - Increasing Productivity  
Mr. Sören Hald and Mr. Ben Peters, Rockwell Automation, Denmark
- 10.00–10.30** Coffee / Table top exhibition
- 10.30–11.50** **S 4 Anode Butts Cleaning and Recycling**  
Chairman: Mr. Ingvar Pálsson, Alcan Iceland
  - Influence of Anode Butts Cleaning on Anode Quality, Anode Performance and Anode Manufacturing Process  
Mr. André Proulx and Mr. Daniel Tourigny, Alcan Canada
  - Fluoride Emission from Anode Butts in a Cooling Tunnel  
Mr. Halldor Gudmundsson, Laboratory Manager, Nordic Aluminium, Iceland
  - A New Anode Butts Cleaning Station and Transportation  
Mr. Gunnar Gudlaugsson, Manager Electrolysis – Operation, Alcan Iceland
  - Autogenous Grinding for Bath Recycling  
Mr. Jacques Lerouge, Sales Manager, Solios Carbone, France
- 11.50–12.00** Lunch Sponsor Presentation - Landsvirkjun
- 12.00–13.00** **Lunch Hosted by Landsvirkjun**
- 13.00–14.30** **S 5 ISO 14000 Operational Safety and Environment**  
Chairman: Mr. Björn Ingi Sveinsson, General Director Reykjavík City Engineering Department, Iceland
  - Rodding Shop Basics  
Mr. Juan Williams, Alcoa, USA
  - Operational Safety in the Anode Rodding Shop  
Mr. Gestur Petursson, Alcan Iceland
  - Environmental Assessment  
Mr. Eyjolfur Arni Rafnsson, Hönnun, Iceland
  - Safety Clothing  
Mr. Vidar Magnusson and Mrs. Helga Vidarsdóttir, Foxhall, Iceland
- NB!**  
**No coffee break due to early departure for whale-watching trip**

**14.30–16.00**

- Workshop Sessions 3-4**
  - WS 3 Anode Butts Cleaning and Bath Recycling  
Chairman: Mr. Ingvar Pálsson, Alcan Iceland
  - WS 4 Anode Stub Protection Options  
Chairman: Prof. Barry Welch, Light Metals Research Centre, Auckland University, New Zealand
- 16.15** Buses depart from Nordica Hotel for whale watching trip
- 16.30–20.00** **Whale-watching trip from Reykjavik harbour**  
Hosted by Rockwell Automation

**Thursday 25 September**

- 08.00–08.30** Registration & Service Desk
- 08.30–10.00** **S 6 Future Outlook**  
Chairman: Mr. S.K. Banerjee, Director of Projects, Nalco, India
  - Anode Rodding – Future Outlook  
Prof. Barry Welch and Prof. Mark Taylor, Light Metals Research Centre, Auckland University, New Zealand
  - A New Rodding Shop – Experiences and Challenges  
Mr. Leif Kare Gustavsen, Hydro Sunndal, Norway
- 10.00–10.20** **Closing Ceremony**  
Mr. Ken Stanford, DMG, Managing Editor "Aluminium International Today", UK
- 10.45** **Buses leave Nordica Hotel for technical visits**
- 11.15–12.00** **Lunch at Alcan Iceland (ISAL)**  
**Hosted by Alcan Iceland**
- Technical visits**
  - 12.30–13.30** **Alcan Iceland (ISAL)**, Straumsvik
  - 15.00–16.00** **Nordic Aluminium**, Grundartangi
  - 17.00** Return to Hotel
  - 18.00–19.00** **Reception – Nordica Hotel**  
Hosted by Ministry of Industry and Commerce, Iceland

Photographs: Mats Wibe Lund

**Aluminium Industry Preheating Systems**

Cells  
Cathodes  
Steel rods  
Anodes

**ALTECH PARTNER**

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**Complete HF Monitoring Solutions for Primary Aluminium Smelters**

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Changing the way industry looks at gas detection

**BOREAL**

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*Innovative Equipment for Improved Environment, Efficiency and Economy*

**your partner through innovative solutions**

**Technical competence within industrial mechanics**

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**DMC nobelclad**

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DMC & Co. is one of the leading providers of building equipment assembly services in Scandinavia. We are the only company in the region that can provide a complete turnkey solution for all your building needs. Our services include:
 

- Steel structure erection
- Steel cladding installation
- Steel cladding maintenance and repair
- Steel cladding replacement

 For more information, please contact us at:
 

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- Tel: +46 (0)8 441 11 11
- Fax: +46 (0)8 441 11 12
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**Bi-Metal Clads for Anode Rods and Cathode Junctions**

**ALTECH PARTNER**

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