



Program

Arrival Day

Tuesday, 31 August

Time	
Afternoon & Evening	<p>Registration & Welcome</p> <p>A Welcome Event will be arranged at the local restaurant "Symposium" which is located on the waterfront on the other side of "Pollen".</p>

Day 1

Wednesday, 1 September - Morning Session

Time	Sections & Topics
08:00 - 08:10	<p>Welcome Note</p> <p>Mr. Stein A. Ytterdahl, County Governor Agder County</p>
08:10 - 08:20	<p>Opening Remarks</p> <p>Mr. Arne Schaathun, Chairman & Coordinator</p>
Section	Safety
08:20 - 08:45	<p>The Human Factor</p> <p>Special Invitee Dr Gerd Gøtz, Director General European Aluminium, Brussels,</p>

Belgium

Section

Aluminium Market in Asia

08:45 - 09:10

Secondary Aluminium Alloy Market Situation in Asia

Mr. Masao Montani, Senior Executive Officer, Daiki Aluminium Industry Co., Ltd.
Japan

09:10 - 09:30

Coffee Break (20 min)

Section

DC-Casting Technology

09:30 - 09:55

VDC Casting of Rolling Sheet Ingot with Mold Shape Control Functionality.

The benefits to casthouses and rolling mills can be achieved by operating DC Ingot Mould Tooling incorporating the functionality to dynamically control the rolling face wall moulds. The achievable mould size flexibility allows higher casting speed and less scrap from the saw and the scalping process plus providing more consistent ingot stacking.

Dr Ing Manfred Lueck, Area Manager Europe, Germany
Wagstaff Inc, USA

Section

Dross Treatment

09:55 - 10:10

An update of ALTEK's Dross Management Developments & Introduction of new Technology.

A special ALTEK Seminar will follow on Day 2 after the NorCast Conference.

Mr James Herbert, Global Sales Director
ALTEK / Harsco Cooperation, UK

Section

Circular Economy


Efficient Recycling of Contaminated Scrap

With the high End of life Recycling rates, Aluminium is a Key Contributor to Circular Economy

10:10 - 10:35	Mr Tom Schmidt, Sales Manager Otto Junker GmbH Germany
10:35 - 10:55	Coffee Break (20 min)
Section	Cyber Security
10:55 - 11:20	Evasive Threats, Pervasive Effects – How can we deal with Cyber Attacks of the future ? Mrs Karianne Myrvold Lande, Market Manager, Norway, Denmark & Iceland TREND Micro Inc. Japan
Section	Removal of Trace Elements
11:20 - 11:45	Behaviour of minor elements in Al melts with Time & Temperature A laboratory study about the fading / oxidation of specific trace elements which are new in the recycling loop and potential removal strategies, but with a special focus on “natural removal” just by refilling of crucibles, fading with time etc. The actual elements in this presentation are the well-known Sr, Ca, P, Na, but also Li, Ag. Dr rer. nat. Volker Ohm, Technical Director, Hoesch Metallurgie GmbH, Germany
12:00 - 13:00	Lunch at the Conference Hotel

Day 1

Wednesday, 1 September - Afternoon Session

Time	Distinguished Guest Speaker
	

13:00 - 13:40



Dr Ing. Andreas Lutzerath, Board Director

Trimet Aluminium SE, Germany

Section

Refractory Design for DC Table Top

13:40 - 14:05

Industrial Up-Scaling and Implementation of the Electro-Magnetic Filter Priming (EMFP) System

The Electro-Magnetic Filter Priming (EMFP) system is a novel method utilizing commercial grade Ceramic Foam Filter (CFFs) during light metal filtration. The EMFP system successfully proved to be a powerful filtration method, allowing the cast house to reproduce metals cleanliness levels comparable with Deep Bed Filtration (DBF) or Metal Cartridge (MCF) at reduced capital investment and increased flexibility, adjustability, and automation.

Mr Robert Fritzsich, R&D Engineer,
Pyrotek Ltd, UK

14:05 - 14:25

Coffee Break (20 min)

Section

Green Aluminium – Recycled Material & Quality Issues

14:25 - 14:50

The Hydro Concept: “ Reduxa & Circal “

Mr Jean-Marc Moulin, Director of Sustainability
Hydro Extruded Solutions,
Hydro BeNeLux.

Section

Innovation

14:50 - 15:15

Constellium Ultrasonic Inclusion Detection in liquid Aluminium – “Batscan”.

The presentation will highlight the capabilities of the system developed by Constellium. The return of experience based on operation in 2 plants producing can stock, will be discussed.

Mr Pierre Yves-Menet, Casting & Recycling Manager
Constellium Technology Centre
France

15:15 - 15:40

Intergranular Corrosion Resistant Extrusion Alloy for Automotive Application.

Dr Ing Luisa Marzoli, Deputy Director – R&D,
Trimet Aluminium SE,
Germany.

15:40 - 16:00

Coffee Break (20 min)

Section

Critical Equipment

16:00 - 16:25

Casthouse Safety – An Equipment Supplier's view

HSE has highest priority beginning from design throughout installation and commissioning as well as for operation of the equipment. It is also influencing investment and operation cost.

Dipl.Ing Stefan Pelech, Managing Director
Hertwich Engineering GmbH,
Austria

Section

Distinguished Guest Speaker

16:25 - 17:00



Mr Rob van Gils, CEO

Hammerer Aluminium Industries GmbH,
Austria

17:00

Close of Day 1

Social Events

Wednesday, 1 September - Afternoon & Evening

Boat trip at 17:15 hrs

Finger food and beverages will be served on board.



S/S Solrik

NorCast Dinner at Arendal Old Town Hall at 19:45 hrs

Dress code: Smart Casual

Welcome beverage will be served outside the Town Hall at 19:15 hrs. "Arendal Borgerlige Militaire" in uniforms and rifles from 1700 will welcome the Delegates with a drill performance outside Arendal Old town Hall.



Arendal Old Town Hall

Day 2

Thursday, 2 September - Morning Session

Time	Sections & Topics
08:15 - 08:20	Opening Remarks Mr Herman Koss, Head of Remelt Alunorf, GmbH, Germany & Committee Member
Section	Safety
08:20 - 08:35	Safety Wake UP Dr.Ing. Roar Ørsund, Plant Manager, Hydro Sunndalsøra, Norway
Section	LME
08:35 - 09:00	LME Aluminium Update & Forward Projections Mr Even Simonsen, Industry Analyst, Corporate Strategy & Analysis, Norsk Hydro ASA, Norway
Section	Grain Refiners & Metal Cleanliness
09:00 - 09:25	Improving liquid Metal Cleanliness by Optimised addition of high efficiency Optifine Grain Refiner. Mr John Courtenay, Chairman MQP Ltd, UK
09:25 - 09:45	Coffee Break (20 min)
Section	Master alloys & Grainrefiners - Impact on the aluminium industry

09:45 - 10:10

Mega Trend in Automotive and the Impact on Aluminium Industry. Master alloys & Grainrefiners links to the megatrends in automotive industry.

The presentation will describe the “Mega Trend” and highlight and discuss which opportunities and threats the megatrend may bring to the production of Aluminium Semi Products and Recycling of Aluminium

Mrs Agnieszka Drzyzdzyk, President of the Management Board.
AluMetal S.A,
Poland

Section

Casthouse Panel – “Lessons learned”

10:10 - 10:55

The Panel will present a few “lessons learned” and invite the audience for discussions.

The Panel consists of the following members:

Dr.Ing. Thomas Ludwig, Hydro Høyanger, Norway
Dr. Ing. Aida Bermudez, Alcoa Lista, Norway
Dipl. Ing. Dr mont Bernd Prillhofer, AMAG Casting GmbH, Austria
Mr. Nicolas Ligonésche, Trimet France

Chair of Panel: Mr Stian Rørvik
Committee Member & Head of Customer Technical Support – Sheet Ingot & Foundry Alloys, Hydro Aluminium AS, Oslo

10:55 - 11:15

Coffee Break (20 min)

Distinguished Guest Speaker

11:15 - 11:55



Mr Tim Murray

Former CEO & President, ALBA – Aluminium Bahrain, Kingdom of Bahrain
Currently Consultant to Alba’s Chairman & Board of Directors

11:55 - 12:20

AlMgty – From Sand Casting to 3D Printing.

The evolution of high end sand cast Aluminium-Magnesium alloys to innovative applications in 3D-Printing.

Dipl.Ing Henning Fehrmann, CEO and Owner and
Dipl.Ing Rudiger Franke, Head of Metal Technology

FEHRMANN Alloys
Germany

12:20 - 12:45

Lightweight Materials Technology for Aerospace.

Concerning the race from metallic materials and polymer composites, it seems there is a big chance for a new light weight technology in the future aerospace products again. The general challenge is therefore to provide integrated material-technologies solutions by considering all operational steps of the whole value added chain by ensuring that targeted structure properties are received.

Special Invitee:

Dr. Ing. Blanka Lenczowski
Materials Trust Deputy & Senior Expert Material Technology

12:45

Summary and Close of Conference

13:00

Lunch at the Conference Hotel

