ALUMINIUM 2018 Conference

ALUMINIUM 2019

The conference will be held alongside ALUMINIUM 12th World Trade Fair in Düsseldorf. The trade fair unites producers, processors, technology suppliers and consumers along the entire value chain – i.e. from raw materials through to semi-finished and finished products. ALUMINIUM is the leading B2B platform in the world for the aluminium industry and its main applications.

TOPICS

At the ALUMINIUM 2018 Conference with its motto Aluminium – Material for the Future, the various applications of aluminium currently used will be presented together with possible further developments that will make products in the future even lighter, better looking and more energy efficient.

Together with representatives from the different sections of the industry, manufacturers of semi-finished products and sub-suppliers, the latest innovative and future-looking solutions will be presented and discussed.

SESSIONS

- Session Aluminium Markets
  Chair: Jürgen Hirsch | Aluminium Consulting - Königswinter Senior Consultant for Hydro Aluminium Rolled Products GmbH
- Session Plants, Processes, Digitalization
  Chair: Kai F. Karhausen | Head of Department Rolling Technology | Hydro Aluminium Rolled Products GmbH
- Session Surface
  Chair: Willem Beljaars | Chairman of the Board | DSB international
- Session Recycling
  Chair: Jörg H. Schäfer | Head of Recycling and Sustainability, Head of Metal Powder | GDA – Gesamtverband der Aluminiumindustrie e.V.
- Session Automotive
  Chair: Matthias Gottthelf | Technology Development Casting – Extrusions | Audi AG.
  Chair: Dietrich Wieser | Director Business Development Global Automotive | Arconic Global Rolled Products

Registration details

EVENT: ALUMINIUM 2018 CONFERENCE

Topic: Aluminium – Material for the Future
Date: October 09 | 10, 2018; 09:30 am to 16:30 pm and October 11, 2018; 09:30 am to 12:30 pm
Place: Congress Center Ost, Messe Düsseldorf
Participants: Representatives of the different sections of the aluminium industry, manufacturers of semi-finished products and sub-suppliers.
Language: The congress language is English. For this year’s Congress we will have simultaneous translation into English and German.

REGISTER ONLINE

Registration for the ALUMINIUM 2018 Conference is online only. Please visit our website at:

PRICING

The fee includes the admission to the booked sessions and the exhibition as well as the conference documents at the check-in.
Euro 330.00 per Session where applicable.
Fees for the registration of more than one session are as follows:
Euro 460.00 for 2 sessions
Euro 990.00 for 3 sessions
Euro 1,320.00 for 5 sessions

Discounts: There is an early-registration discount of 10 % for all registrations received by August 31st, 2018. There is also a 10 % discount for exhibitors of ALUMINIUM 2018 as well as GDA members. Discounts cannot be combined. All prices includes VAT.

CONTACT

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SESSION PLANTS, PROCESSES, DIGITALISATION

09:30 Aluminium, an ideal material with a great future
Jürgen Hirsch | Aluminium Consulting Königswinter, Germany

09:50 Aluminium Market Outlook: More surpluses or looming shortage?
Guillaume Osouf | CRU Group, UK

10:10 The European Aluminium Industry | Andreas Postler
Gesamtverband der Aluminiumindustrie e. V., Germany

10:30 Business Portfolio Strategies of Mining and Metal Groups in the Era of Globalization | Bruno Rüttimann, Switzerland

11:10 2019 Aluminium Price Outlook: Mitigating Price Risk
Stuart Burns | MetalMiner, USA

11:30 Digital Transformation of the Metals-Aluminium Industry | Nils Naoujok | PwC Strategy&, Germany

11:50 From Automating Knowledge to Doing the Impossible: Five Top Use Cases for Aluminium Industry to go Digital
Simon Künne | AIT - Austrian Institute of Technology, Austria

12:10 Aluminium in electric vehicles – the battle for every kilo
Goran Djukanovic | Aluminium market analyst and industry consultant, Montenegro

12:30 Comparative electrochemical and intergranular corrosion-sensitivity testing of wrought aluminium-alloy-based products
Yarunjan Kovorikjan | Impel Group, Slovenia

13:50 Opportunities of numerical simulation in the design and optimization of extrusion processes | Alessandro Selvaggio
ISPT GmbH & Co. KG, Germany

15:00 Selection of the right cooling conditions to achieve the perfect match for mechanical properties and profile-geometry
Andreas Schiff | Hammerer Aluminium Industries Extrusion GmbH, Germany

16:10 Smart process chain for the development of additive manufacturing specific Aluminium powders and filler wires
Stephan Uschkirn | Austrian Institute of Technology, Austria

Status: June 2018. Subject to change without prior notice.

SESSION RECYCLING

13:30 Sensor Based Sorting of Aluminium Scrap | Nils Bauschke
Hydro Aluminium Rolled Products GmbH, Germany

13:50 Extensive applications of premium products with higher recycling rates | Martin Hartlief | Ecoloom LLC, Canada

14:10 Recycling dirty aluminium finstock into biobased catalyst and other useful products
Ahmed Osman | asi Aluminium Stewardship Initiative, Norway

14:30 Aluminium drives innovation for the future of mobility
Michael Hahn | Novelis AG, Germany

15:10 The Aluminium Stewardship Initiative: Implementation and impact?
Flavia Solomon | asi Aluminium Stewardship Initiative, Australia

15:30 Recycling of contaminated Aluminium Scrap in Twin Chamber Furnaces | Rüyke Gültelkin | Teneroi LTH, Germany

15:50 High efficient alloy selective sorting with laser light
Edwin Büchter | cleanSORT GmbH, Germany

16:10 Circular economy and waste shipment regulation, legislative developments - the way forward
Magdalena Garczynska | European Aluminium, Belgium

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SESSION SURFACE

09:30 Chromium-VI-Ban and Chromium-VI-free Surface - Pre-treatment - State of the Art | Werner Mader | LGB International, Germany

09:50 Improving Productivity for Eloxal | Oliver Katschmareck
PBS Schreiner GmbH, Germany

10:10 Anodizing as pre-treatment for powder coating: Technical and environmental advances | José Fernando García Lucas
ALVAREZ-SCHAER, S.A, Spain

10:30 Mat Powder Coatings - A Challenge For The Supply Chain
Michael Wehnhardt | Alcoa Nobel, Germany
Harald Schreiner PBS Schreinerg GmbH, Germany

11:10 Latest market trends in the European Architectural market & sustainable solutions | Ludovic Beal | Alcoa Technical Center, USA

11:30 DINB Platinum Certification – A sustainable façade clad with Novelis aluminium T28® | Tom Krogser | Novelis Deutschland GmbH, Germany


12:10 Comparative electrochemical and intergranular corrosion resistance testing of wrought aluminium-alloy-based products
Yarunjan Kovorikjan | Impel Group, Slovenia

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SESSION AUTOMOTIVE

09:30 Digitization, Electrification, Urban Mobility – how will the future Auto Industry look?
Marius Baader | VDA - Verband der Automobilindustrie e.V., Germany

09:50 A more sustainable urban transport concept using aluminium intensive design | Leif Hagebeuker | Hydro Aluminium, Norway

10:10 Partnering with customers to find the best solutions – an example of systems engineering in the Automotive industry
Bart Sprenger | Alusine Aluminium Düffel BVBA, Belgium

10:30 Development NHT Alloys with Good Hot Cracking Resistance for Automotive Applications via ICME Approach
Xinyan Yan | Alcoa Technical Center, USA

11:10 Development of high strength alloys for the automotive market (HHS 400 - The future of aluminium is strong)
Susanne Koch | Hydro Extruded Solutions, Germany

11:30 Evaluation of usability for Rolling route manufactured Aluminium composite foam panels | Ali Ulu | ITU - Istanbul Technical University, Turkey

11:50 Continuous Process development for a new mechanical joining technology of aluminium alloys AIF-Project No. 19247
Thomas Grim | WU – University of Dresden, Germany

12:10 Metal 3D printing in the automotive industry on the way to mass production | Ralf Frohwerk | SLX Solutions Group AG, Germany

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