

## → ALUMINIUM 2016 Conference

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The conference will be held alongside ALUMINIUM 11th 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 2016 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: **Andreas Postler** | Head of Economics and Statistics  
GDA – Gesamtverband der Aluminiumindustrie e.V.
- **Session Surface**  
Chair: **Kathrin Eckhard** | Programme Manager and Surface Expert | Hydro Aluminium Rolled Products GmbH
- **Session Automotive**  
Chair: **Stefan G. Klöse** | Senior Manager Advanced Materials (RD/RMM) Group Research & Advanced Engineering | Daimler AG
- **Session Recycling**  
Chair: **Jörg H. Schäfer** | Head of Recycling and Sustainability, Head of Metal Powder | GDA – Gesamtverband der Aluminiumindustrie e.V.
- **Session Plant and Processes**  
Chair: **Dietrich Wieser** | Director Business Development Global Automotive | Alcoa Global Rolled Products

→ [www.aluminium-conference.de](http://www.aluminium-conference.de)

## → Registration Details

### → Event: ALUMINIUM 2016 Conference

**Topic:** 'Aluminium – Material for the Future'

**Date:** November 29 | 30, 2016; 08:00 am to 17:00 pm and December 01, 2016; 08:00 am to 13:00 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 2016 Conference is online only. Please visit our website at:

→ [www.aluminium-conference.de/registration](http://www.aluminium-conference.de/registration)

### → Pricing

The fee includes the admission to the booked sessions and the exhibition as well as the conference documents at the check-in.

**Euro 250 per session per person plus VAT where applicable.**

Fees for the registration of more than one session are as follows:

→ Euro 500.00 for 2 sessions

→ Euro 750.00 for 3 sessions

→ Euro 1000.00 for 5 sessions

**Discounts:** There is an early-registration discount of 10 % for all registrations received by September 30, 2016. There is also a 10 % discount for exhibitors of ALUMINIUM 2016 as well as GDA members.

**Discounts cannot be combined.**

### → Contact

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## → Media Partners

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## → Organiser

**GDA** GESAMTVERBAND DER ALUMINIUMINDUSTRIE e.V.

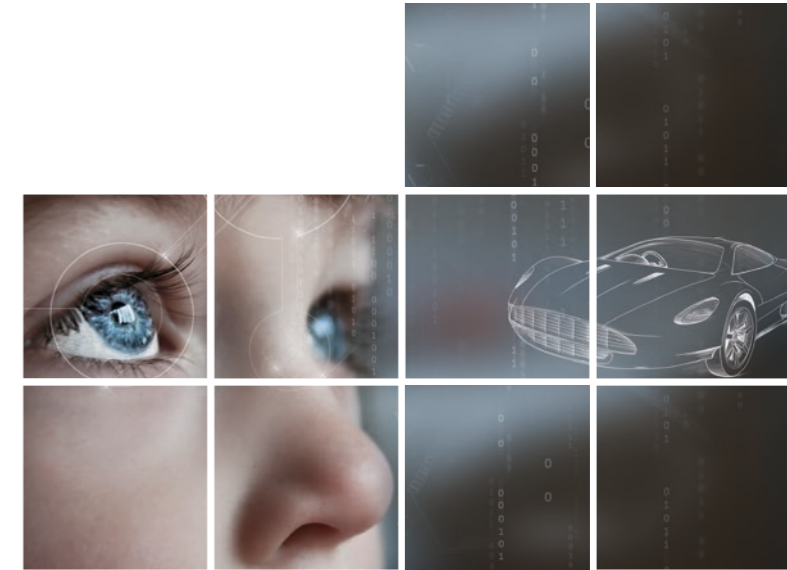
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## ALUMINIUM 2016 Conference

29 November – 01 December 2016  
Congress Center Ost | Düsseldorf



## Conference Program

Aluminium – Material  
for the Future

[www.aluminium-conference.de](http://www.aluminium-conference.de)

- Aluminium Markets
- Surface
- Automotive
- Recycling
- Plant and Processes



In conjunction with  
ALUMINIUM 2016

**GDA** GESAMTVERBAND DER ALUMINIUMINDUSTRIE e.V.

## → 29 November 2016 | Conference Day 1

### → Session Markets

- **09:00** Aluminium Market Overview | **Speaker: Andreas Postler** Gesamtverband der Aluminiumindustrie e.V., Germany
- **09:20** Aluminium Markets – What moves the LME price and ingot premiums? | **Speaker: Eoin Dinsmore** | CRU Group, UK
- **09:40** The New Challenges of the Globalizing Aluminium Industry: The Behaviour of Emerging Economies | **Speaker: Bruno G. Rüttimann** | Switzerland

- **10:00** Aluminium vs. Steel | **Speaker: Goran Djukanovic** Aluminium market analyst and industry consultant, Montenegro

- **10:40** Advanced Aluminum Lightweight Materials for Future Aerospace Products | **Speaker: Blanka Lenczowski & Rainer Rauh** Airbus Group Innovations, Germany

- **11:00** Constellium's automotive offer at 360° **Speaker: Catherine Athenes** | Constellium, France

- **11:20** Aluminium penetration in cars **Speaker: Patrik Ragnarsson** | European Aluminium, Belgium

- **11:40** Global Automotive Markets and Challenges **Speaker: Marius Baader** | VDA e.V., Germany

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### → Session Surface

- **14:00** Surface – Image Maker of the Material | **Speaker: Werner Mader** | Gesamtverband der Aluminiumindustrie e.V., Germany

- **14:20** Modification of aluminium surfaces: From superhydrophobic aluminium surfaces to improved adhesion | **Speaker: Frank Simon** Leibniz-Institut für Polymerforschung Dresden e.V., Germany

- **14:40** Switch to Cr-VI-free pretreatment: Brand-new developments provide solutions to multiple problems | **Speaker: Juan Serret** Henkel AG & Co. KGaA, Germany

- **15:00** Anodizing as pre-treatment for powder coating: Technical and environmental advances | **Speaker: Elia Schaer Álvarez** ALVAREZ-SCHAER, S.A., Spain

- **15:40** Online-Process-Control for the pretreatment process Electro-chemically measuring properties of conversion layers on aluminium **Speaker: Susanne Bender** | Institut für Lacke und Farben Magdeburg GmbH, Germany

- **16:00** New Possibilities in Surface Finishes for Aluminium **Speaker: Russell Deane** | Akzo Nobel Powder Coatings Ltd., UK

- **16:20** Reliable and sustainable processing of wet discharge from chemical Aluminium coils processing | **Speaker: Jochen Schumacher** Eisenmann Thermal Solutions GmbH, Germany

- **16:40** The challenge of anodizing aluminum cast plates **Speaker: Thomas Katlun** | GLEICH Aluminium, Germany

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## → 30 November 2016 | Conference Day 2

### → Session Automotive

- **09:00** Accelerating the development of lightweight aluminium solutions for automotive structures and crash management systems **Speaker: Martin Jarrett** | Constellium University Technology Center, UK

- **09:20** Flextrex Continuous Billet Casting Technology for Casting HCM Direct-Forge Bars | **Speaker: Bill Betts**, Novelis, USA – **Speaker: Lutz Müller**, Bharat Forge, Germany

- **09:40** Standardised aluminium alloys for complex closure panels and aluminium design considerations | **Speaker: Bart Sprengers** Aleris Aluminum Duffel BVBA, Belgium

- **10:00** The effect of heating rate, holding temperature and annealing time on superplastic forming behaviour of AA5083 alloys **Speaker: Anna-Catharina Kaiß** | AMAG rolling GmbH, Austria

- **10:40** Development of High performance alloys for Aluminium intensive Body-in-White | **Speaker: Tetsuya Masuda** Kobe Steel, Ltd., Japan

- **11:00** Improving aluminium body sheet properties through surface engineering | **Speaker: Henk-Jan Brinkman** | Hydro Aluminium Rolled Products, R&D Center Bonn, Germany

- **11:20** Intergranular corrosion investigation on EN-AW 6082 rod **Speaker: Luisa Marzoli** | TRIMET Aluminium SE, Germany

- **11:40** New Applications for Aluminium Forgings: Light Weight Design of Rail Vehicles | **Speaker: Bernd Velten** | OTTO FUCHS KG, Germany

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## → Session Recycling

- **14:00** Moving towards a circular economy with focus on recycling **Speaker: Magdalena Garczynska** | European Aluminium, Belgium

- **14:20** Extensive applications of premium products with higher recycling rates | **Speaker: Markus Schober** Hammerer Aluminium Industries, Austria

- **14:40** REALCAR – Collaboration for a closed-loop automotive value chain | **Speakers: Andy Doran** | Novelis Europe Latchford Lock Works, UK

- **15:00** Aleris – the partner for sustainable aluminum solutions providing Closed Loop examples | **Speaker: Frank Dahlmann** Aleris Switzerland GmbH, Switzerland

- **15:40** The Aluminium Stewardship Initiative (ASI): What does it mean for your company? | **Speaker: Fiona Solomon** asi Aluminium Stewardship Initiative, Australia

- **16:00** Aluminium in Construction, Sustainability with ASI **Speaker: Stefan Rohrmus** | Schüco International KG, Germany

- **16:20** All recycling: from Material Flow Analysis to optimal recycling **Speaker: Oliver Neel** | Constellium Technology Center, Parc Economique Centre, France

- **16:40** Operation of LIBS elemental analyzers for inline analysis of aluminum | **Speaker: Angelika Feierabend** | SECOPTA analytics GmbH, Germany

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## → 01 December 2016 | Conference Day 3

### → Session Plant and Processes

- **09:00** Development of extruded high-performance heat sinks **Speaker: Horst Gers** | HAI Extrusions Germany GmbH, Germany

- **09:20** Improvement of thickness tolerances for a two-stand aluminum cold rolling mill | **Speaker: Axel Brickwedde**, ABB Automation GmbH, Germany – **Speaker: Lawrie Witham**, Aluminium Norf GmbH, Germany

- **09:40** DISPAL®– High Performance Aluminium Alloys – unique and unsurpassed material performance for automotive and industrial applications | **Speaker: Craig Ferguson** | Erbslöh Aluminium GmbH, Germany

- **10:00** Fatigue strength and dimensional stability of die cast specimens made of the alloy AlSi9Cu3(Fe) | **Speaker: Jens Schumacher** | Stiftung-Institut für Werkstofftechnik, Germany

- **10:40** Interactive Automation and Data Handling in Aluminium Extruder Plants | **Speaker: Christian Schwarz** | HMT Höfer Metall Technik, Germany

- **11:00** Three steps towards a bright future – Alunorf's hot rolling mill No. 1 is prepared for future requirements after a successful modernization | **Speaker: Guido Fick**, SMS group GmbH, Germany – **Speaker: Markus Neuhausen**, Aluminium Norf GmbH, Germany

- **11:20** Continuous Casted Aluminium Flat Products Corrosion Characteristic According to Downstream Process and Cold Rolling Route | **Speaker: Ali Ulus** | Teknik Alüminyum, Turkey

- **12:00** Near net shape rolling of Aluminium Flat product for aerospace industry | **Speaker: Antonio Solis** | Primetals Technologies Limited, UK

- **12:20** Influence of Ca, rare earth metals and Li on the oxidation behaviour of AlMg5-melts | **Speaker: Thomas Doppler** Montanuniversität Leoben, Austria

- **12:40** Comprehensive ingot and plate quality surveillance using combined 2D and 3D automatic inline surface inspection technology | **Speaker: Steffen Burkhardt** ISRA VISION AG, Germany

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## General Conference Schedule and Address

29 | 30 November 2016

08:00 – 09:00 Registration  
10:20 – 10:40 Coffeebreak  
12:00 – 14:00 Break  
15:20 – 15:40 Coffeebreak

01 December 2016

08:00 – 09:00 Registration  
10:20 – 10:40 Coffeebreak  
11:40 – 12:00 Coffeebreak

All sessions take place in  
CCD-Ost, room M + R.

Address Details:  
ALUMINIUM 2016  
Conference

Congress Center Ost  
Messe Düsseldorf

Stockumer Kirchstraße  
40474 Düsseldorf  
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www.ccd.de

car park P4