



# ALUMINIUM 2021 Conference

18 – 20 May 2021  
Congress Center Ost | Düsseldorf



## 18.05.2021 - Session 1\*

### Disruption and business cycles, what to expect

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- The current state of the aluminium business cycle and political risks - Dr. Andreas Postler, GDA
  - Powertrain trends, disruptive momentum in individual mobility and the answer from the auto industry - Dr. Manuel Kallweit, VDA
  - The end of a super cycle or the starting point through innovation? Future trends and business models for aluminium companies - Hans Remsing, Deutsche Bank
  - Trade policy perspectives: How long will protectionism last? – Klaus Deutsch, BDI
  - Scandium 2.0 – cost efficient scandium production as a new vector for aluminium alloys consumption - Eric Martinet, UC Rusal

## 18.05.2021 - Session 2\*

### Mobility: Sustainability and regulation, aluminium's answers

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- Autonomous, electric, smart and shared – realistic scenario or Silicon Valley dreams? – Christoph Stürmer, PwC
  - Science of dirty alloys – first successes and future opportunities - Dr. Helmut Kaufmann, AMAG AG
  - OEMs expectation for future aluminium - Dr. M. Gernuks, Volkswagen
  - Unlocking the potential of aluminium lightweighting for future mobility – Michael Hahne, Novelis AG

## 19.05.2021 - Session 3\*

### Green Deal & Circular Economy: Aluminium the solution provider

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- Closed loop recycling in the automotive sector: How do we get there?, Speaker Audi or VW
  - MARS as a workable tool for sustainable supply, Dr. Sebastian Schiweck, WVM
  - Panel discussion  
“Circular economy, sustainability and climate protection: Is aluminium a solution provider?”  
with Dr. Kaufmann, AMAG AG; Dr. Matthias Bucher, Ökoinstitut; Dr. Mählmann, Otto Fuchs, GDA



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### 19.05.2021 - Session 4\*

#### Digitalization in aluminium value chains: From Silicon Valley illusion to workable solutions

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„Digitale Transformation bei Hydro Rolled Products – Ein Reisebericht“ - Lars Stummeyer, Hydro

How human AI can help tackle the challenges of digital transformation - Moritz von Plate  
ABB Germany AG

Digital solutions for aluminium industry after COVID-19 – what should be done next? - Andre Barten, Achenbach

### 20.05.2021 - Session 5\*

#### Technical development (Additive manufacturing, Alloy development and plant technology)

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Additive manufacturing with selective laser melting - Ralf Frohwerk, SLM Solutions

Latest developments and trends in additive manufacturing - Prof. Schleifenbaum, Digital Additive Production DAP, RWTH Aachen

Tailored tempering of 7xxx alloys - Hendrik Vogt IFUM, Uni Hannover

Aluminium heat treatment – Along the production process – Dr. Carsten Rink und Markus Gangl, Ebner Industrieofenbau GmbH

Aluminum surface treatment; sustainability, recyclability & automatization - Raul Hernández Acosta, Henkel Ibérica

\*Please note:

This document will be updated regularly.  
Information in this document is subject to change  
More slots, speakers and the exact timetable will be added as the planning progresses.



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