

TUESDAY, JULY 4TH 2023

Time	Turbinenhalle	Kesselhaus
08:15	REGISTRATION	
09:00	WELCOME Karin Huber-Heim , Executive Director Circular Economy Forum Austria	
09:05	OPENING SPEECH Dr. Cornelius Grupp , Proprietor CAG Holding / CEO Neuman Aluminium Industries	
09:20	AUTOMOTIVE TRENDS AND INDUSTRY IN A CHANGING WORLD Günther Apfalter , President Magna Europe and Asia	
09:50	AMAG'S PATH TO ZERO CO₂-CHALLENGES FOR THE INDUSTRY Gerald Mayer , CEO AMAG Austria Metall AG	
10:20	COFFEE BREAK	
	SUPPLY (CHAIN) SECURITY	CASTING & ADDITIVE MANUFACTURING OF ALUMINIUM
10:35	<i>Strategies to strengthen the aluminium industry in Europe</i> Roman Stiftner Managing Director Austrian Non-Ferrous Metals Federation & Austrian Mining and Steel Association (WKO)	Chair: Christa Zengerer Managing Director Österreichisches Gießerei-Institut (ÖGI) <i>Casting versus printing – new ways and potentials for prototyping production</i> Christian Hannemann Senior Scientist Fraunhofer Institute for Machine Tools and Forming Technology
11:00	<i>Do vulnerable aluminium supply chains threaten decarbonisation?</i> Samuel Imfeld Aluminium Expert Glencore	<i>HPDC-Challenges: die influence on process performance & productivity</i> Herbert Horinek Specialist, Die Casting voestalpine High Performance Metals International GmbH
11:25	<i>From raw material to finished product: safeguarding aluminium's supply chain</i> Gerd Aalborg Aas Head of Logistics Hydro Aluminium Metal Sindre Nesse Deep Sea Logistics Lead Hydro Aluminium Metal	<i>Additive manufacturing of aluminium: from research towards industrial applications</i> Evgeniya Kabliman Group Leader for Materials Computation TU Munich
11:50	<i>Embracing your uncertainties in security of supply, CO₂ reduction and costs</i> Heinz Nusser Partner at Decision Advisory Group	<i>Plasma Metal Deposition (PMD) of aluminium alloys: potentials and perspectives</i> Christopher Wallis Head of Technology Development RHP Technology
12:15	LUNCH BREAK	

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	ENERGY MANAGEMENT & INDUSTRY SOLUTIONS	MICROSTRUCTURE DEVELOPMENT & CORROSION STABILITY
		Chair: Ola Jensrud Chief Scientist SINTEF
13:00	<i>Energy markets for industrial companies in Europe</i> Stefan Szyszkowitz CEO EVN	<i>Sustainable aluminium alloys for automotive applications</i> Stefan Pogatscher Professor for Metallurgy of Sustainable Light Metal Alloys Montanuniversität Leoben
13:25	<i>Strategies in energy management (prices, hedging)</i> Felix Diwok CEO Inercomp	<i>How to adjust the size and distribution of dispersoids in 6082 alloys for a perfect microstructure</i> Andreas Schiff Head of Research & Development HAI Extrusion Group
13:50	<i>Energy efficiency and CO₂-neutral energy sources for a green foundry</i> Christoph Zauner Senior Scientist Austrian Institute Of Technology (AIT)	<i>The connection between microstructure and intergranular corrosion in 6xxx Al-alloys</i> Calin Marioara Senior Research Scientist SINTEF
14:15	<i>CO₂-free alternative for melting aluminium: plasmaburner</i> Werner Wiggen Technology Manager Gautschi	<i>Influence of dry-film lubricants on bond strength and corrosion behaviour of 6xxx aluminium alloy adhesive joints for automotive industry</i> Ralph Gruber Researcher Centre for Electrochemistry and Surface Technology (CEST)
14:40	COFFEE BREAK	
	DIGITIZATION OF INDUSTRIAL PROCESSES	NEW DEVELOPMENTS IN FORMING TECHNOLOGIES
		Chair: Martin Stockinger Professor for Metal Forming Montanuniversität Leoben
15:10	<i>Manufacturing business re-imagined</i> Julia Hechenberger Enterprise Account Executive Google Cloud	<i>Warm forming of high strength Al-alloys in multiple steps for mass production as future dominated circular economy technology</i> Peter Amborn CEO HoDforming GmbH
15:35	<i>coilDNA – internet of materials</i> Werner Aumayr CEO CoilDNA	<i>Forming technologies for sheet metal and profiles</i> Markus Werner Head of Research Fraunhofer Institute for Machine Tools and Forming Technology
16:00	<i>Do's and don'ts for digital transportation management</i> Martin Schwaiger CEO Satiama	<i>Limits and possibilities of (impact) extrusion</i> Bernhard Schwarz Senior Expert Simulation & Development Neuman Aluminium Andreas Niederer Head of Research and Development Neuman Aluminium
16:25	<i>Bits to coins Transforming industrial data into added value</i> Martin Riester Head of Logistics and Supply Chain Management Fraunhofer Austria	<i>Extrusion and forging simulation 4.0</i> Hans-Willi Raedt CEO Prosimalys
16:50	COFFEE BREAK	

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17:15	PANEL DISCUSSION – HOW CAN WE SECURE THE FUTURE OF ENERGY INTENSE INDUSTRY IN EUROPE? Martin Kocher , Federal Minister for Labor & Economy Georg Knill , President Industrial Association Austria (IV) Georg Feith , Managing Director CAG Holding Peter Oswald , CEO Mayr-Melnhof Karton AG	
18:30	WINE TASTING	
20:00	CONFERENCE DINNER	

WEDNESDAY, JULY 5TH 2023

Time	Turbinenhalle	Kesselhaus
09:00	EUROPE AS INDUSTRIAL LOCATION – CHALLENGES, OPPORTUNITIES AND APPROACHES Andreas Cornet , Senior Partner McKinsey & Company	
09:50	ALUMINIUM MARKET & RECYCLING <i>Aluminium recycling – the way ahead & limitations</i> Jörg Schäfer Head of Sustainability & Recycling German Aluminium Association	FUTURE OF MOBILITY AND LIGHTWEIGHT DESIGN Chair: Bernd Schönbauer Senior Researcher Institute of Physics & Materials Science BOKU <i>Future potential of hydrogen – Newest developments in mobility</i> Martin Aggarwal Project Manager HyCentA Research GmbH
10:15	<i>Aluminium recycling: an essential contribution to ensuring raw material security in Europe</i> Stefan Wibner Senior Researcher Non Ferrous Metallurgy Montanuniversität Leoben	<i>Light metals for the future of mobility</i> Carina Schlögl Deputy Managing Director & Senior Researcher, Light Metals Technologies Ranshofen (AIT)
10:40	<i>Political barriers in aluminium recycling</i> Daniel Quantz Division Head Sustainability WirtschaftsVereinigung Metalle	<i>The use of aluminium in fatigue loaded situations</i> Ola Jensrud Chief Scientist SINTEF
11:05	COFFEE BREAK	

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	CIRCULAR ECONOMY & SUSTAINABLE ALUMINIUM PRODUCTION	ALUMINIUM IN THE AUTOMOTIVE INDUSTRY
11:25	<i>HArend aluminium solutions for a sustainable performance</i> Rob van Gils CEO Hammerer Aluminium Industries (HAI)	Chair: Carina Schlögl Deputy Managing Director & Senior Researcher Light Metals Technologies Ranshofen (AIT) <i>Forging a sustainable future: the versatility of aluminium in automotive design</i> Matthias Benz CEO Raufoss Technology
11:50	<i>Implementing ESG criteria in the aluminium process industry</i> Werner Fragner Head of Corporate Technology AMAG Austria Metall AG	<i>Innovative solutions for sustainable mobility in high-performance vehicles</i> Stefan Seidel CTO Pankl Racing Systems
12:15	<i>The secret behind real PCR® in aluminium</i> Leopold Werdich CEO TUBEX Andreas Reissner Managing Director PreZero Pyral GmbH	<i>Aluminium – the new mobility enabler</i> Marius Baader General Director German Aluminium Association
13:00	LUNCH & MAYORS RECEPTION (ST. PÖLTEN'S TOWN HALL)	
15:00	PANEL DISCUSSION – ALUMINIUM TOWARDS ZERO EMISSION?	
	Marius Baader , General Director German Aluminium Association Francois Racine , President AluQuébec Karin Huber-Heim , Executive Director Circular Economy Forum Austria Oliver Glitzner , Managing Director Neuman Aluminium Austria Rob van Gils , CEO Hammerer Aluminium Industries (HAI) Werner Fragner , Head of Corporate Technology AMAG Austria Metall AG	
16:15	CALCULATION OF FOOTPRINTS	
	<i>Calculation of product carbon footprints (PCF) – methods & tools</i> Fred Hilgenfeldt Senior Associate Sustainability Services PWC	
16:40	Dynamic monitoring of aluminium companies' carbon footprint	
	Florent Bouguin CTO Optel	
17:05	<i>A synoptic comparison of Al extrusion versus forging in respect of CO₂-emission</i> Thomas Herlan CEO Herlanco	

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17:30	<p>ALUMINIUM IN CONSTRUCTION</p> <p><i>Building the future</i></p> <p>Roxy Rahel Guellmeister Architect/Analyst/Innovator at Specialist Modelling Group, Foster + Partners</p>
17:55	<p><i>Building the future with PREFA</i></p> <p>Leopold Pasquali CEO PREFA Aluminium</p>
18:15	<p>CLOSING REMARKS</p> <p>Georg Feith, Managing Director CAG Holding</p>
18:20	HEURIGEN BUFFET

THURSDAY, JULY 6TH 2023

Time	Activity
09:00	<p>EXCURSIONS TO NEUMAN ALUMINIUM & PREFA</p> <p><i>Neuman Aluminium Casting</i> <i>Neuman Aluminium Direct Extrusion</i> <i>Neuman Aluminium Impact Extrusion</i> <i>PREFA Aluminium</i></p>
12:30	LUNCH SNACK & FAREWELL

Information regarding Factory Tours:

- wearing closed, sturdy shoes is mandatory
- participants will visit three manufacturing sites based on submitted questionnaire and availability; a change of assigned group is not possible
- the shuttle service from D&C Cityhotel leaves at 8:10, arrives back at D&C Cityhotel by 14:00
- arriving by car:
the parking area is at Marktler Str. 43, 3182 Marktl,
the meeting point is in front of "Betriebsfeuerwehr"



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