

TUESDAY, JULY 4TH 2023

Time	Turbinenhalle	Kesselhaus
08:15	REGISTRATION	
09:00	OPENING & WELCOME Moderation: Karin Huber Heim , Executive Director Circular Economy Forum Austria KEYNOTE #1 Günther Apfalter , President Magna Europe and Asia KEYNOTE #2 Gerald Mayer , CEO Austria Metall AG (AMAG)	
COFFEE BREAK		
BLOCK 1	SUPPLY (CHAIN) SECURITY	CASTING & ADDITIVE MANUFACTURING OF ALUMINIUM
	<p><i>Strategies to strengthen the aluminium industry in Europe</i> Roman Stiftnr, Managing Director Austrian Non-Ferrous Metals Federation & Austrian Mining and Steel Association (WKO)</p> <p><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</p> <p>TBC Anja Lea Gerbich, Head of Purchasing BMW</p>	<p><i>Casting versus printing – new ways and potentials for prototyping production</i> Christian Hannemann, Senior Scientist Fraunhofer Institute for Machine Tools and Forming Technology</p> <p><i>HPDC-Challenges: die influence on process performance & productivity</i> Herbert Horinek, Specialist, Die Casting voestalpine High Performance Metals International GmbH</p> <p><i>Additive manufacturing of aluminium: from research towards industrial applications</i> Evgeniya Kabliman, Group Leader for Materials Computation TU Munich</p> <p><i>Plasma Metal Deposition (PMD) of aluminium alloys: potentials and perspectives</i> Christopher Wallis, Head of Technology Development RHP Technology</p>
LUNCH BREAK		
BLOCK 2	ENERGY MANAGEMENT & INDUSTRY SOLUTIONS	MICROSTRUCTURE DEVELOPMENT & CORROSION STABILITY
	<p><i>Energy markets for industrial companies in Europe</i> Stefan Szyszkowitz, CEO EVN</p> <p><i>Strategies in energy management (prices, hedging)</i> Felix Diwok, CEO Inercomp</p> <p><i>Energy efficiency and CO₂-neutral energy sources for a green foundry</i> Christoph Zauner, Senior Scientist Austrian Institute Of Technology (AIT)</p> <p><i>CO₂-free alternative for melting aluminium: plasmaburner</i> Werner Wiggen, Technology Manager Gautschi</p>	<p><i>Sustainable aluminium alloys for automotive applications</i> Stefan Pogatscher, Professor for Metallurgy of Sustainable Light Metal Alloys Montanuniversität Leoben</p> <p><i>How to adjust the size and distribution of dispersoids in 6082 alloys for a perfect microstructure</i> Andreas Schiffel, Head of Research & Development HAI Extrusion Group</p> <p><i>The connection between microstructure and intergranular corrosion in 6xxx Al-alloys</i> Calin Marioara, Senior Research Scientist SINTEF</p> <p><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)</p>
COFFEE BREAK		
BLOCK 3	DIGITIZATION OF INDUSTRIAL PROCESSES	NEW DEVELOPMENTS IN FORMING TECHNOLOGIES
	<p><i>Manufacturing business re-imagined</i> Josip Grubestic, Enterprise Account Executive Google Cloud</p> <p><i>coilDNA – internet of materials</i> Werner Aumayr, CEO CoilDNA</p> <p><i>Do's and don'ts for digital transportation management</i> Martin Schwaiger, CEO Satiama</p> <p><i>Bits to coins Transforming industrial data into added value</i> Martin Riester, Head of Logistics and Supply Chain Management Fraunhofer Austria</p>	<p><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</p> <p><i>Forming technologies for sheet metal and profiles</i> Markus Werner, Head of Research Fraunhofer Institute for Machine Tools and Forming</p> <p><i>The use of aluminium in fatigue loaded situations</i> Ola Jensrud, Chief Scientist SINTEF</p> <p><i>Limits and possibilities of impact extrusion</i> Bernhard Schwarz, Senior Expert Simulation & Development Neuman Aluminium</p>
COFFEE BREAK		
17:25	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	
WINE TASTING		
20:00	GALA DINNER	

WEDNESDAY, JULY 5TH 2023

Time	Turbinenhalle	Kesselhaus
09:00	TBA	
BLOCK 1	<p style="text-align: center;">FUTURE OF MOBILITY AND LIGHTWEIGHT DESIGN</p> <p><i>Future potential of hydrogen – newest developments in mobility</i> Alexander Trattner, CEO HyCentA</p> <p><i>Light metals for the future of mobility</i> Carina Schlögl, Deputy Managing Director & Senior Researcher Light Metals Technologies Ranshofen (AIT)</p> <p><i>TBC</i> Grzegorz Ombach, Head of Disruptive Research & Technology, Senior Vice President Airbus</p>	<p style="text-align: center;">ALUMINIUM MARKET & RECYCLING</p> <p><i>Aluminium recycling – the way ahead & limitations</i> Jörg Schäfer, Head of Sustainability & Recycling German Aluminium Association</p> <p><i>Aluminium recycling: an essential contribution to ensuring raw material security in Europe</i> Stefan Wibner, Senior Researcher Non Ferrous Metallurgy Montanuniversität Leoben</p> <p><i>Political barriers in aluminium recycling</i> Daniel Quantz, Division Head Sustainability Wirtschaftsvereinigung Metalle</p>
COFFEE BREAK		
BLOCK 2	<p style="text-align: center;">CIRCULAR ECONOMY & SUSTAINABLE ALUMINIUM PRODUCTION</p> <p><i>HAend aluminium solutions for a sustainable performance</i> Rob van Gils, CEO Hammerer Aluminium Industries (HAI)</p> <p><i>Implementing ESG criteria in the aluminium process industry</i> Werner Fragner, Head of Corporate Technology Austria Metall (AMAG)</p> <p><i>The secret behind real PCR® in aluminium</i> Leopold Werdich, CEO TUBEX & Andreas Reissner, Managing Director PreZero Pyral GmbH</p>	<p style="text-align: center;">ALUMINIUM IN THE AUTOMOTIVE INDUSTRY</p> <p><i>Forging a sustainable future: the versatility of aluminium in automotive design</i> Matthias Benz, CEO Raufoss</p> <p><i>Innovative solutions for sustainable mobility in high-performance vehicles</i> Stefan Seidel, CTO Pankl Racing</p> <p><i>TBA</i> Marius Baader, General Director German Aluminium Association</p>
13:00	LUNCH & MAYOR'S RECEPTION (ST. PÖLTEN'S TOWN HALL)	
15:15	<p>PANEL DISCUSSION – ALUMINIUM TOWARDS ZERO EMISSION?</p> <p>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 Austria Metall (AMAG)</p>	
BLOCK 3	<p style="text-align: center;">CALCULATION OF FOOTPRINTS</p> <p><i>Calculation of product carbon footprints (PCF) – methods & tools</i> Fred Hilgenfeldt, Senior Associate Sustainability Services PWC</p> <p><i>Dynamic monitoring of aluminium companies' carbon footprint</i> Florent Bouguin, CTO Optel</p> <p><i>Extrusion and forging simulation 4.0</i> Hans-Willi Raedt, CEO Prosimalys</p> <p><i>A synoptic comparison of AI extrusion versus forging in respect of CO₂-emission</i> Thomas Herlan, CEO Herlanco</p>	<p style="text-align: center;">ALUMINIUM IN CONSTRUCTION & CONSUMER GOODS</p> <p><i>Building the future</i> Roxy Rahel-Guellmeister, Architect/Analyst/Innovator at Specialist Modelling Group, Norman Foster</p> <p><i>Building the future with PREFA</i> Leopold Pasquali, CEO PREFA Aluminium</p> <p><i>Sustainable growth based of the example of BSH group (tbc)</i> Christine Betz, Chief Sustainability Officer BSH Home Appliances Group</p>
18:30	CLOSING REMARKS	
HEURIGEN BUFFET		

THURSDAY, JULY 6TH 2023

Time	3182 Marktl
09:00	<p align="center">EXCURSIONS TO NEUMAN ALUMINIUM & PREFA</p> <p align="center"><i>Neuman Aluminium Casting</i> <i>Neuman Aluminium Direct Extrusion</i> <i>Neuman Aluminium Impact Extrusion</i> <i>PREFA Aluminium</i></p>
13:00	<p align="center">LUNCH SNACK & FAREWELL</p>