

1st EXECUTIVE SUMMIT - COST EFFICIENT LIGHTWEIGHTING - EFFICIENT APPLICATIONS FOR AHSS & UHSS 26th - 27th November, 2020 - PRESENTATIONS

09:30 a.m. - WELCOME	
09:55 a.m.	Welcome and Introduction to the Event Christian Kovacs (digicon Academy, Romania)

SESSION 1	OEM - Requests, Requirements & Trends
10:00 a.m.	Welcome and Introduction voestalpine Stahl Franz M. Androsch (voestalpine Steel, Linz, Austria)
10:05 a.m.	Cost-Effective Production of Automotive Lightweight Components Frank Schieck (Fraunhofer IWU, Chemnitz, Germany)
10:20 a.m.	BMW's Application and Strategy of Hotformed Components in a Global Production and Supplier Network Markus Pfestorf (BMW, München, Germany)
10:40 a.m.	Multifunctional Thin Film Sensors and Examples for Industrial Applications Anna Schott (Fraunhofer IST, Braunschweig, Germany)
11:00 a.m.	Lightweight Engineering – Disruptions as Opportunities in the New Era of Mobility Georgios Georgiadis (Excelix, Limassol, Cyprus) & Pajam Hassan (intuitive.ai, Hamburg, Germany)
11:20 a.m.	Break

SESSION 2	New Materials
11:40 a.m.	EBNER Solution for PHS-Tailored Tempering-PACC module (Precisely Accurate Contact Cool) Anton Oppermann (EBNER Industrieofenbau GmbH, Leonding, Austria)
12:00 p.m.	New Material Concepts for PHS Applications Thomas Kurz & Christian Rouet (voestalpine Stahl R&D, Linz, Austria)
12:20 p.m.	An overall comparison of PHS, Gen3 and Aluminum Eren Billur (Billur Metal Form, Ankara, Turkey)
12:40 p.m.	Lunch Break

SESSION 3	Equipment & Machinery
01:50 p.m.	New Developments for Heat Treatment of AHSS Strips Michael Pressler (EBNER Industrieofenbau GmbH, Leonding, Austria)
02:10 p.m.	Getting the Best Profit reducing Production Costs Gerald Schulz (FAGOR Arrasate, Mondragon, Spain)
02:30 p.m.	Solid Coated Roller Design Luca Valbuzzi (Saint-Gobain, Roedental, Germany)
02:50 p.m.	Flexible Implementation of NDT Devices in Cost Effective Production Processes for Lightweight Components Christian Conrad (Fraunhofer IZFP, Saarbrücken, Germany)
03:10 p.m.	Break

SESSION 4	Engineering & Supporting Processes
03:40 p.m.	Robust Machine Vision Systems for Thermal & Visible Inspections Michael Selent (SELMATEC, Scharnebeck, Germany)
04:00 p.m.	Dynamic Process Control for Quality Assurance Hannes Feuerhuber (weba, Dietach/A) & Fritz Ebner (Meprotec, Machtrenk/A)
04:20 p.m.	TRUMPF Lasers in Automotive Daniel Minh Maier (Trumpf Laser, Ditzingen, Germany)

SESSION 5	Parts & Production
04:40 p.m.	Car Parts Manufacturing “Made by voestalpine” Florian Gerstner (voestalpine, Schw. Gmünd, Germany)
05:00 p.m.	GES-MULTISTEP - Development of the Multistep Hotstamping process Manuel Lopez & Dr. Oliver Straube (Speaker), Gestamp R&D Abrera, Spain and Ludwigsfelde, Germany
05:20 p.m.	Lightweight Design of Rollformed Components for Battery Packs, Truck & Trailer Applications and Agricultural Machines Florian Mayer (voestalpine Krems, Krems/A)

05:40 p.m.	SUMMARY End of Event & Networking
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2nd DAY				
		Location 1 voestalpine PHS, Linz	Location 2 voestalpine Stahl, Linz	Location 3 EBNER Leonding
08.00 a.m.	Welcome to the 2nd Day voestalpine Stahl, Stahlwelt	ALL GROUPS (1-3)		
08.30 a.m.	Departure Tour 1	GROUP 1	GROUP 2	GROUP 3
10.15 a.m.	Departure Tour 2	GROUP 2	GROUP 3	GROUP 1
12.00 p.m.	Lunch Break voestalpine Stahl, Stahlwelt	ALL GROUPS (1-3)		
13.30 p.m.	Departure Tour 3	GROUP 3	GROUP 1	GROUP 2
15.15 p.m.	Farewell and end of the Event voestalpine Stahl, Stahlwelt	ALL GROUPS (1-3)		
15.30 p.m.	Networking voestalpine Stahl, Stahlwelt			

WHAT WILL BE SHOWN		
Location 1 voestalpine PHS, Linz	Location 2 voestalpine Stahl, Linz	Location 3 EBNER Leonding
Press Hardening Simulator (WUSim) --- Annealing Simulator (CALSIM) --- Live presentation on a Video-wall in front of or in ECS	Circuit board welding	(EBNER HotForm) Hot Forming of Aluminum Blanks --- Press-Retrofit --- TTP-PACC-Simulation PHS --- Non-Contact Temperature Measurement on Metallic Surfaces --- 3-MA Measurements on Steel Structural Components --- SimCAL Test
voestalpine Stahl	voestalpine Stahl	EBNER Selmatec Fraunhofer IZFP TECHAdvision Fagor