

# 1st EXECUTIVE SUMMIT - COST EFFICIENT LIGHTWEIGHTING - EFFICIENT APPLICATIONS FOR AHSS & UHSS 21st - 22nd September, 2021 - PRESENTATIONS

08:30 a.m. - WELCOME - Registration	
08:55 a.m.	Welcome and Introduction to the Event   <b>Christian Kovacs</b> (digicon Academy, Romania)
<b>SESSION 1</b> OEM - Requests, Requirements & Trends	
09:00 a.m.	High Strength Steels for Lightweight Constructions   <b>Franz M. Androsch</b> (voestalpine AG, Linz, Austria)
09:20 a.m.	Cost-Effective Production of Automotive Lightweight Components   <b>Frank Schieck</b> (Fraunhofer IWU, Chemnitz, Germany)
09:40 a.m.	OEMs' Application and Strategy of Hotformed Components in a Global Production and Supplier Network   Daimler, VW, Porsche, Germany)
10:00 a.m.	Multifunctional Thin Film Sensors and Examples for Industrial Applications   <b>Anna Schott</b> (Fraunhofer IST, Braunschweig, Germany)
10:20 a.m.	Sustainable Steel - Risks and Opportunities Beyond the Obvious   <b>Georgios Georgiadis</b> (Excelix, Limassol, Cyprus) & <b>Pajam Hassan</b> (intuitive.ai, Hamburg, Germany)
10:40 a.m.	Break
<b>SESSION 2</b> New Materials	
11:00 a.m.	EBNER Hotstamping with TTP-Technology   <b>Johannes Pfeifer</b> (EBNER Industrieofenbau GmbH, Leonding, Austria)
11:20 a.m.	New Material Concepts for PHS Applications   <b>Thomas Kurz</b> & <b>Christian Rouet</b> (voestalpine Stahl R&D, Linz, Austria)
11:40 a.m.	An overall comparison of PHS, Gen3 and Aluminum   <b>Eren Billur</b> (Billur Metal Form, Ankara, Turkey)
12:00 p.m.	Lunch Break
<b>SESSION 3</b> Equipment & Machinery	
01:20 p.m.	Highly Flexible Horizontal Continuous Annealing Line for AHSS & UHSS   <b>Marius Kreuzeder</b> (EBNER Industrieofenbau GmbH, Leonding, Austria)

01:40 p.m.	Getting the Best Profit - Reducing Production Costs in PHS and Hot Forming of Aluminum   <b>Gerald Schulz</b> (FAGOR Arrasate, Mondragon, Spain)
02:00 p.m.	Innovative Coated Rollers for Better OEE in PHS Lines   <b>Luca Valbuzzi</b> (Saint-Gobain, Roedental, Germany)
02:20 p.m.	Flexible Implementation of NDT Devices in Cost Effective Production Processes for Lightweight Components   <b>Christian Conrad</b> (Fraunhofer IZFP, Saarbrücken, Germany)
02:40 a.m.	Break
<b>SESSION 4</b> Engineering & Supporting Processes	
03:00 p.m.	Robust Machine Vision Systems for Thermal & Visible Inspections   <b>Michael Selent</b> (SELMATEC, Scharnebeck, Germany)
03:20 p.m.	Dynamic Process Control for Quality Assurance   <b>Hannes Feuerhuber</b> (weba, Dietach/A) & <b>Fritz Ebner</b> (Meprotec, Machtrenk/A)
03:40 p.m.	Fronius Prototyping-Center – From Feasibility Study to Pre-Series Welding   <b>Wolfgang Scherleitner</b> (Fronius International GmbH, Wels, Austria)
04:00 p.m.	Lightweight by Laser - Innovative Cutting- and Joining Processes   <b>Daniel Minh Maier</b> (Trumpf Laser, Ditzingen, Germany)
04:20 a.m.	Break
<b>SESSION 5</b> Parts & Production	
04:40 p.m.	Car Parts Manufacturing “Made by voestalpine“   <b>Florian Gerstner</b> (voestalpine, Schw. Gmünd, Germany)
05:00 p.m.	GES-MULTISTEP - Development of the Multistep Hotstamping process   <b>Manuel Lopez</b> & <b>Dr. Oliver Straube</b> (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   <b>Florian Mayer</b> (voestalpine Krems, Krems/A)
05:40 p.m.	SUMMARY   End of Event & Networking

# 1st EXECUTIVE SUMMIT - COST EFFICIENT LIGHTWEIGHTING - EFFICIENT APPLICATIONS FOR AHSS & UHSS 21st - 22nd September, 2021 - HANDS-ON

SECOND 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	<b>ALL GROUPS (1-3)</b>		
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	<b>ALL GROUPS (1-3)</b>		
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	<b>ALL GROUPS (1-3)</b>		
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 & ITL 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 Impression Technologies Ltd Selmatec Fraunhofer IZFP TECHAdvision Fagor