Sunday, Oct 05, 2025

18:30 – 21:30 **Welcome Reception** at the exhibition – Kap Europa, Level 4
Kongresshaus der Messe Frankfurt, Osloer Strasse 5, 60327 Frankfurt am Main

Monday, Oct 06, 2025

	Economic line	Scientific line	Sustainability line
	Plenary	Breakout 1	Breakout 2
09:00 – 09:20	**Opening**		
09:20 – 10:00	Keynote Sustainability **Climate path forging 2045** fka GmbH | Alexander Busse		
10:00 – 10:40	*Coffee break / exhibition*		
	Material market developments	Innovations in forging	Sustainability in workforce organization
10:40 – 11:20	**Europe's leading transformation project in the steel industry** SHS – Stahl-Holding-Saar GmbH & Co. KgGA Barbara Ebel-Wolf	**Sustainable Forging Through Physics-Based Digital Twins: Predicting Microstructure to Eliminate Waste and Defects** Fraunhofer IWM Maxim Zapara	**More than a paycheck: CSR as a magnet for talent** FernUniversität Hagen – University of Hagen Matthias Pfister
11:20 – 12:00	**Aluminium markets** Aluminium Deutschland Andreas Postler	**Effect on initial state on microstructure uniformity of local loading Al-Zn-Mg-Cu alloy** Shanghai Jiao Tong University Yongshan Wan	**Embedding Sustainability: The critical role of HR in promoting sustainable practices** Fraunhofer IAO Josephine Hoffmann & Claudia Ricci
12:00 – 13:00	*Lunch break / exhibition*		
	Energy market developments	Digitalization and AI in forging I	CO2-reduction in the forging supply chain I
13:00 – 13:40	**The relevance of electricity prices and green economic complexity to industrial competitiveness in the global context** ISI Fraunhofer Viktor Paul Müller & Lin Zheng	**Digitalization and AI Empowerment in Forging Production Lines** Newwish Technology Co.,Ltd. Aileen Cai	**Utilising Titanium Swarf as Feedstock in the FAST-forge Process for Sustainable Manufacturing** AFRC Salaheddin Rahimi
13:40 – 14:20	**EU Energy markets** University of Cambridge Michael Pollitt	**Advanced Microstructural Prediction for Multi-Step Forging based on AI modelling** MICAS Simulations Ltd, Oxford, UK Nikolay Biba	**Automation in Forging: Driving Resource Efficiency, Quality, and Productivity** LASCO Umformtechnik GmbH Kai Krzyzanowski
14:20 – 15:00	*Coffee break / exhibition*		
	Regional Reports	Digitalization and AI in forging II	Resource efficient forging
15:00 – 15:20	**China** Zhang Jin	**Automated Stage Sequence Planning** IPH - Institut für Integrierte Produktion Hannover gGmbH Sascha Eckhardt	**Optimizing resource efficiency in forging: Application-specific drive concepts for screw presses** SMS Group Lukas Heyer
15:20 – 15:40	**India** Yash Munot		
15:40 – 16:00	**Japan** Hiroshi Asahi	**Monitoring, Control and Application of Artificial Intelligence For Cold Forging Processes** Institute for Metal Forming Technology University of Stuttgart Papdo Tchasse & Mathias Liewald	**Inductoforge® – Maximizing Billet Heating Efficiency** Inductoheat Brian P. Lockitski & Alexander Ulferts
16:00 – 16:20	**North America** Angela Gibian		
16:20 – 16:40	**Brazil** Carbon footprint of forged parts in Brazil Silvia Ribeiro de Aquino		
16:40 – 17:00	**Europe** Tobias Hain		
17:00 – 17:15	**Closing Day 1**		
17:15 – 18:00	**Exhibition**		
18:30 – 21:30	**International ForgeNet Dinner** – *for invited association representatives only!*		

Tuesday, Oct 07, 2025

	Economic line	Scientific line	Sustainability line
	Plenary	Breakout 1	Breakout 2
	Customer (sustainability) requirements	New materials in forging I	CO2-reduction in the forging supply chain II
09:00 – 09:40	**Let's Move Like A Bosch** Robert Bosch GmbH Gilles Bied-Charreton	**Novel Bainitic Steel Grade Design and Its Closed-Die Forging as Front Axle Beam to Improve the Process Chain Focusing on Reduced CO2 Emissions and Sustainability** Parsan/Omtas Gürbüz Güzey	**FRED - Carbon Footprint Calculator** FRED GmbH Hans-Willi Raedt
09:40 – 10:20	**Customer sustainability demands in automotive industry** ZF Group Ralf Völkl & Ralf Hässig	**Design and selection of suitable Fe-Mn-Al-C low-density forging steels for massive components** SIDENOR Roberto Elvira	**CO2-reduction in the forging supply chain** ANDRITZ Schuler Pressen GmbH Uwe Konnerth
10:20 – 11:00	*Coffee break / exhibition*		
	Developments in forging markets	New materials in forging II	Digital sustainability solutions
11:00 – 11:40	**Light Vehicle Production Outlook** S&P Global Mobility Ricardo Belli		**Digital Forging Automation Project Exhibition** Yangli Wei Jin
11:40 – 12:20	**Global Aerospace Industry Outlook: Strategic Insights for Forging Suppliers** SKF Aerospace Business Unit Etienne Merlin	**Effect of Hot Deformation on Microstructure and Porosity of Additively Manufactured 7050 Al Alloy** School of Materials Science and Engineering, Harbin Institute of Technology Heng Su	**Integrated Advanced Servo, Digitalization and AI Technologies for Future-Ready Forging Production** Newwish Technology Co.,Ltd. Aileen Cai
12:20 – 13:20	*Lunch break / exhibition*		
	Best Practice: CO2-reduction in the forging supply chain I	Lubrication in Forging	International Sustainability standards and certification I
13:20 – 14:00	**The path to a CO2-neutral steel component** Richard Neumayer GmbH Dirk A. Neumayer	**High temperature hot forming** Northwestern Polytechnical University Long Wang	**European Sustainability Reporting CSRD / CSDDD** VIA Consult GmbH & Co KG Dario Winterberg
14:00 – 14:40	**Challenges and Solutions on the Path to Climate Neutrality in Metal Processing** Otto Fuchs KG Thomas Kloppenborg	**Advanced Friction Modelling for Cold Forging: Comparison of Analytical and Neural Network-Based Friction Models** PtU - TU Darmstadt Jonas Launhardt	**Catena-X: Transparent Product Carbon Footprints through Radical Collaboration for Climate Action** Catena-X Automotive Network e.V. Hanno Focken
14:40 – 15:20	*Coffee break*		
	Best Practice: CO2-reduction in the forging supply chain II	Digitalization and AI in forging III	International Sustainability standards and certification II
15:20 – 16:00	**From footprint to handprint – forging a sustainable value chain** Hirschvogel Group Christian Hinsel	**Application of Data Mining for Digital Twin and AI-based Process Optimisation in Hot Forging** IFUM, Leibniz University Hanover Julius Peddinghaus	**ISO 14067 / GHG / 14064-1** GreenDelta GmbH Alexander Koch
16:00 – 16:40	Final Keynote **The Future of Forging** CIE Automotive S.A. José Yudego		
16:40 – 17:00	**Closing Day 2**		
17:00 – 18:45	**Break / Transfer**		
19:00 – 23:00	**Farewell Dinner** at Gesellschaftshaus Palmengarten, Palmenstraße 11, 60325 Frankfurt		