



PROGRAM | DAY 1

TRANSVALOR INTERNATIONAL SIMULATION DAYS

10AM	Welcoming exhibitors and participants <i>WELCOME DESK</i>	Technical speed meeting sessions <i>INDIVIDUAL MEETING ROOMS</i>
12AM	Welcome lunch <i>PULLMAN RESTAURANT ROYAL BAY</i>	
1:30PM	Introduction of the event - Nicolas MORISE, Transvalor <i>SALON RIVIERA AB</i>	
1:40PM	Business & Strategy Overview - Nicolas MORISE, Transvalor <i>SALON RIVIERA AB</i>	
2:00PM	Overview of the Strategic Development Axes for the Transvalor Software Suite - Étienne PERCHAT, Transvalor <i>SALON RIVIERA AB</i>	
2:25PM	Supplier talks Pitches - Coming soon <i>SALON RIVIERA AB</i>	Miura Simulation - Coming soon <i>SALON RIVIERA AB</i>
2:45PM	Euroforge: European Forging - the path to future success! - Maxime BROUILLARD, CETIM <i>SALON RIVIERA AB</i>	Process automation and AI-powered optimisation unleash the power of the Transvalor solution - Nina MOËLLO, pSeven <i>SALON RIVIERA C</i>
3:05PM	Coffee break and exhibition time <i>SALON DES ILES</i>	
3:25PM	Supplier talks How easy2forge with FORGE® interface simplifies and revolutionizes open die forging simulation - Tobias FISTER, Dr. Fister GmbH <i>SALON RIVIERA AB</i>	Supplier talks Unleash the future of innovation: Run FORGE®/THERCAST® simulations using RESCALE Cloud HPC platform - Romain KLEIN, Rescale <i>SALON RIVIERA C</i>
3:45PM	Novel Performance Characterization of Forging Fluids - Mo GHARBI, Quaker Houghton <i>SALON RIVIERA AB</i>	Enhancing Industrial Performance by Coupling FORGE and RingLab Software for Profiled Ring Simulation - Kékéli KPOGAN, ECAI <i>SALON RIVIERA C</i>
4:05PM	JMatPro® for materials data aimed at process simulation - Jean-Philippe SCHILLÉ, Sente Software <i>SALON RIVIERA AB</i>	Valid Carbon Footprint Calculation for SMEs - Tobias HEIN, FRED GmbH <i>SALON RIVIERA C</i>
4:25PM	Coffee break and exhibition time <i>SALON DES ILES</i>	
4:45PM	Material forming Near isothermal forging of hiped Ni-based superalloy (RENE 95) - Enes DAGCI, Parsan <i>SALON RIVIERA AB</i>	Welding Welding Roadmap - François FRASCATTI, Transvalor <i>SALON RIVIERA C</i>
5:10PM	Glass forming - Crafting a Perfume Bottle - Antoine LOPEZ, POCHET <i>SALON RIVIERA AB</i>	Microstructure-informed ultrasound imaging of welds - the Horizon Europe project iWeld - Andreas SCHUMM, EDF R&D <i>SALON RIVIERA C</i>
5:35PM	The Evolution of Parallel Remeshing in FORGE® - Ugo RIPERT, Transvalor <i>SALON RIVIERA AB</i>	New welding simulations for components produced through additive manufacturing - Agathe DEMAY, MBDA <i>SALON RIVIERA C</i>
6:30PM	Social cocktail <i>PULLMAN RESTAURANT</i>	



PROGRAM | DAY 2

TRANSVALOR INTERNATIONAL SIMULATION DAYS

7:45AM	Yoga session - Association Yoga Life & Happiness	
8:30AM	Welcome and exhibition time <i>SALON DES ILES</i>	
9:00AM	Introduction - Lazzitia PEGGIE, Transvalor <i>SALON RIVIERA AB</i>	
9:05AM	Transformation of the Forging Industry in Europe - Tobias HAIN, Euroforge <i>SALON RIVIERA AB</i>	
9:35AM	Hot & Cold Forming Roadmap - Max BINAGOT, Transvalor <i>SALON RIVIERA AB</i>	
10:00AM	Coffee break and exhibition time <i>SALON DES ILES</i>	
10:25AM	Location-dependent modeling of friction coefficients based on contact pressure and sliding distance in bulk forming - Simon PEDDINGHAUS, Institut für Umformtechnik und Umformmaschinen <i>SALON RIVIERA AB</i>	Microstructure
10:50AM	Simulation and validation of metal flow in the ring manufacturing process - Patrick HOLM, OVAKO AB <i>SALON RIVIERA AB</i>	
11:15AM	Verification of Simulation Application in Motor Coil Forming and Machining process Utilizing Model-Based Development (MBD) - Shino ISAJI, Toyota <i>SALON RIVIERA AB</i>	
11:40AM	Get it real! Improve your way to simulate and visualize process phenomenon. - Andreas BERTOÇ, ABC Umformtechnik GmbH & Co.KG <i>SALON RIVIERA AB</i>	
12:05AM	Coming soon <i>SALON RIVIERA AB</i>	Microstructure
12:30AM	Lunch break <i>SALON DES ILES</i>	
1:30PM	Innovations in the production of electric vehicles - Round table Symposium (Yvan CHASTEL, Renault & Hervé LENON, NTN & Mo GHARBI, Quaker Houghton) <i>SALON RIVIERA AB</i>	
2:15PM	Simulation of forged hollow rotor shafts for wind turbines made of air-hardening ductile forging steels - Moritz Gouverneur, IBF - Institute of Metal Forming, RWTH Aachen University <i>SALON RIVIERA AB</i>	Special application
2:40PM	Process Design Optimization Initiatives Using FORGE® and Optimization Software - Kenji KATO, AISIN <i>SALON RIVIERA AB</i>	
3:05PM	Modelization of Superaustenitic Stainless Steel Extrusion Process for Power Generation Market - Aitor NAVARRO, Tubacex <i>SALON RIVIERA AB</i>	Heat treatment
3:30PM	Practical Applications of FORGE® Software in industrial Forging Processes - Hakan OZTURK, Repkon <i>SALON RIVIERA AB</i>	
3:55PM	Mini-break <i>SALON DES ILES</i>	
4:05PM	Technical speed meetings <i>INDIVIDUAL MEETING ROOMS</i>	Cultural visits
7PM	Gala dinner <i>PULLMAN RESTAURANT</i>	

Hot & cold forming

Hot & cold forming



PROGRAM | DAY 3

TRANSVALOR INTERNATIONAL SIMULATION DAYS

9AM		The Future of Material Forming: Integrating Experimental Insights, Numerical Methods, and Machine Learning Across Diverse Processes - Elie HACHEM, CEMEF SALON RIVIERA AB		
9:30AM	Casting	Casting Roadmap - François FRASCATTI, Transvalor SALON RIVIERA AB	Heat treatment	
9:55AM		Continuous casting - Coming soon, Tata Steel SALON RIVIERA AB		FORGE® modeling support for a better control of induction heating processes - Alexandre FOURNARA, Aubert & Duval SALON RIVIERA C
10:20AM		Ingot Casting with THERCAST®: Optimizing Solidification Processes for Enhanced Product Quality - Antonios CHOLERIDIS, Industriesteeel SALON RIVIERA AB		Case study in collaboration with QH on heat treatment of an aluminium structural aircraft component - Remy NAPIERALA, Quaker Houghton SALON RIVIERA C
10:45AM		Coffee break and exhibition time SALON DES ILES		
11:25AM	Casting	Size Steel Ingots - Influence of the Hot-Top Thermal Regime on the Severity and Extent of Macrosegregation in Large - Mohammad JAHAZI, Ecole De Technologie Superieure, Montreal, Canada SALON RIVIERA AB	Heat treatment	
11:50AM		HPDC & Lost Foam - Olivier JAOUEN, Transvalor & Jean-Pierre MICHALET, Stellantis SALON RIVIERA AB		Development of microstructurally graded samples in 7xxx alloys aiming for high throughput precipitate characterization - Thomas PEJOT, Transvalor SALON RIVIERA C
12:15AM		Lunch break and exhibition time SALON DES ILES		
1:15AM		Digitalisation and AI: Revolutionizing Manufacturing - Christian DUMONT, Aubert et Duval & Bradley WYNN, AFRC & Stefano CANCARINI, ABS SALON RIVIERA AB		
2PM	Fatigue & product lifetime	Coming soon - Nikolay OSIPOV, Transvalor SALON RIVIERA AB	Artificial Intelligence	
2:25PM		Z-cracks - Industrial validation of a 3D fracture mechanics simulation software - Didier SORIA, Safran SALON RIVIERA AB		Overview of DeepLearning activities - José ALVES, Transvalor SALON RIVIERA C
2:50PM		A tour of Onera's recent Z-set developments: HPC, high-level python interface and crack propagations - Vincent CHIARUTTINI & Christophe BOVET, Onera SALON RIVIERA AB		Numerical investigation of the temperature and loading rate effects in punching operations - David ABEDUL, Mondragon University SALON RIVIERA C
3:15PM		Coffee break and exhibition time SALON DES ILES		
3:25PM	Fatigue & product lifetime	Case Study - Tim McGREEVY, Caterpillar SALON RIVIERA AB	Foam injection	
3:45PM		Simulation of hydrogen embrittlement of steels - Daniella LOPES PINTO, Transvalor SALON RIVIERA AB		Rem3D® overview - François FRASCATTI, Transvalor SALON RIVIERA C
4:05PM		Best Simulation Award & Closing Address - Nicolas Morise, Transvalor SALON RIVIERA AB	Optimization of thermosetting resin curing - Alan TABORE, Essilor SALON RIVIERA C	