



SEPTEMBER 30th

PROGRAM | DAY 1

TRANSVALOR INTERNATIONAL SIMULATION DAYS

10AM Welcoming exhibitors and participants
WELCOME DESK | Technical speed meeting sessions
INDIVIDUAL MEETING ROOMS

12AM Welcome lunch
PULLMAN RESTAURANT ROYAL BAY

1:40PM Introduction of the event - Transvalor
SALON RIVIERA AB

1:50PM Business & Strategy Overview - Transvalor
SALON RIVIERA AB

2:10PM Overview of the Strategic Development Axes for the Transvalor Software Suite - Transvalor
SALON RIVIERA AB

2:35PM Supplier talks
Supplier talks session - Coming soon
SALON RIVIERA AB | *Supplier talks session - Coming soon*
SALON RIVIERA C

2:55PM Supplier talks
Coming soon - CETIM
SALON RIVIERA AB | *Supplier talks session - DATADVANCE*
SALON RIVIERA C

3:15PM Coffee break and exhibition time
SALON DES ILES

3:35PM Supplier talks
How easy2forge with FORGE® interface simplifies and revolutionizes open die forging simulation - Dr. Fister GmbH
SALON RIVIERA AB | *Supplier talks session - Rescale*
SALON RIVIERA C

3:55PM Supplier talks
Performance Characterization of Forging Fluids - Quaker Houghton
SALON RIVIERA AB | *Supplier talks session - Coming soon*
SALON RIVIERA C

4:15PM Supplier talks
JMatPro® for materials data aimed at process simulation - Sente Software
SALON RIVIERA AB | *Valid Carbon Footprint Calculation for SMEs - FRED GmbH*
SALON RIVIERA C

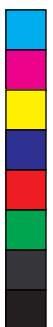
4:35PM Coffee break and exhibition time
SALON DES ILES

4:45PM Material forming
Simulation of forged hollow rotor shafts for wind turbines made of air-hardening ductile forging steels, Institute of Metal Forming (IBF) - RWTH Aachen University
SALON RIVIERA AB | *Numerical Investigation and Process Optimization to Predict the Geometrical and Mechanical Properties of the Extruded Workpiece - Ghent University*
SALON RIVIERA C

5:10PM Material forming
The Evolution of Parallel Remeshing in FORGE® - Transvalor
SALON RIVIERA AB | *Near Isothermal Forging Of Hipped Ni-Based Superalloy (RENE 95) - Parson*
SALON RIVIERA C

5:35PM Material forming
Modeling the hot extrusion process of zirconium alloys and the associated microstructure evolutions using FORGE®, DynamiX and DIGIMU - Framatone
SALON RIVIERA AB | *Glass forming - Crafting a Perfume Bottle - Pochet*
SALON RIVIERA C

6:30PM Social cocktail
PULLMAN RESTAURANT





OCTOBER 1st

PROGRAM | DAY 2

TRANSVALOR INTERNATIONAL SIMULATION DAYS

7:45AM

Sport activities

8:30AM

Welcome and exhibition time
SALON DES ILES

9:15AM

Introduction of the day 2 - Transvalor
SALON RIVIERA AB

9:20AM

Transformation of the Forging Industry in Europe - Euroforge
SALON RIVIERA AB

9:50AM

Hot, Cold Forming & Microstructure Roadmaps - Transvalor
SALON RIVIERA AB

10:10AM

Grain size prediction in DIGIMU® 5.0 : going deeper into the physics - Transvalor
SALON RIVIERA AB

10:30AM

Pitches sessions
SALON RIVIERA AB

10:55AM

Coffee break and exhibition time
SALON DES ILES

11:10AM

Verification of Simulation Application in Motor Coil Forming and Machining process Utilizing Model-Based Development (MBD) - Toyota
SALON RIVIERA AB

Identification and simulations on industrial and semi-industrial rolling processes, austenitic stainless steel - Ugitech
SALON RIVIERA C

11:35AM

Simulation and validation of metal flow in the ring manufacturing process - OVAKO AB
SALON RIVIERA AB

Microstructural modelling for process optimization using DIGIMU® - Institute of Metal Forming (IMF)
SALON RIVIERA C

12AM

Get it real! Improve your way to simulate and visualize process phenomenon. - ABC Umformtechnik GmbH & Co.KG
SALON DES ILES

Mean-Field simulation of microstructure evolution during forging using FORGE® and DynamiX - Fraunhofer Institute for Mechanics of Materials IWM
SALON RIVIERA C

12:25AM

Lunch break
SALON DES ILES

1:35PM

Innovations in the production of electric vehicles - Round table Symposium (Renault, NTN, Quaker Houghton)
SALON RIVIERA AB

2:20PM

Heat Treatment & Welding Roadmaps - Transvalor
SALON RIVIERA AB

2:50PM

Coffee break and exhibition time
SALON DES ILES

3:05PM

Modelization of Superaustenitic Stainless Steel Extrusion Process for Power Generation Market - Tubacex
SALON RIVIERA AB

Microstructure-informed ultrasound imaging of welds - the Horizon Europe project iWeld - EDF R&D
SALON RIVIERA C

3:30PM

The Effect of Radial Forging Machine Die Geometry on Microstructure and Ultrasonic Propagation of Austenitic Stainless Steel Bars - Cogne
SALON RIVIERA AB

New welding simulations for components produced through additive manufacturing - MBDA
SALON RIVIERA C

3:55PM

Coffee break and exhibition time
SALON DES ILES

4:05PM

Technical speed meetings
INDIVIDUAL MEETING ROOMS

Cultural visit
PARFUMERIE FRAGONARD

Cultural visit
CANNES CENTER VISIT

7PM

Gala dinner
PULLMAN RESTAURANT

Hot & cold forming

Microstructure

Recrystallization & Heat Treatment

Welding



OCTOBER 2nd

PROGRAM | DAY 3

TRANSVALOR INTERNATIONAL SIMULATION DAYS

9AM

Plenary session - Coming soon
SALON RIVIERA AB

9:30AM

Casting Roadmap - Transvalor
SALON RIVIERA AB

10AM

Recrystallization & Heat Treatment

Thermochemical Treatments with FORGE - an overview - NTN
SALON RIVIERA AB

Casting

Coming soon - Industeel
SALON RIVIERA AB

10:25AM

Coffee break and exhibition time
SALON DES ILES

11AM

Case study in collaboration with QH on heat treatment of an aluminium structural aircraft component
SALON RIVIERA AB

Case Study - Coming Soon
SALON RIVIERA C

11:25AM

Heat treatment

Development of microstructurally graded samples in 7xxx alloys aiming for high throughput precipitate characterization - Transvalor
SALON RIVIERA AB

Casting

Case Study - Coming Soon
SALON RIVIERA C

11:50AM

Modeling the induction hardening process for a steering rack bar - Jtekt
SALON RIVIERA AB

HPDC & Lost Foam - Transvalor
SALON RIVIERA C

12:15AM

Lunch break and exhibition time
SALON DES ILES

1:15PM

Digitalisation and AI: Revolutionizing Manufacturing - Aubert et Duval, AFRC, ABS
SALON RIVIERA AB

2PM

Fatigue & product lifetime

A tour of Onera's recent Z-set developments: HPC, high-level python interface and crack propagations - Onera
SALON RIVIERA AB

Artificial Intelligence

Overview of DeepLearning activities - Transvalor
SALON RIVIERA C

2:25PM

Z-cracks - Industrial validation of a 3D fracture mechanics simulation software - Safran
SALON RIVIERA AB

Numerical investigation of the temperature and loading rate effects in punching operations - Mondragon University
SALON RIVIERA C

2:50PM

Towards full interoperability (VMAP, Z-set/FORGE®)
SALON RIVIERA AB

Physics Informed Graph Neural Architectures - Toward Digital Twins - Transvalor
SALON RIVIERA C

3:15PM

Coffee break and exhibition time
SALON DES ILES

3:25PM

Fatigue & product lifetime

Case Study - Coming Soon
SALON RIVIERA AB

Foam injection

Rem3D® overview - Transvalor
SALON RIVIERA C

3:45PM

Case Study - Coming Soon
SALON RIVIERA AB

Coming Soon - Essilor
SALON RIVIERA C

4:05PM

Best Simulation Award & greetings - Transvalor
SALON RIVIERA AB