

Thursday, April 23, 2026	Friday, April 24, 2026
08:30 Registration 09:15 Welcome 09:30 PERMAS Solver: A Key Player in Considering Uncertainties in Electric Drive Simulations <u>K. Drazdil</u>, J. Otta, ZF Friedrichshafen AG Dynamic Contact: Launch Vehicle Liftoff Simulation N. Marczak, ArianeGroup Les Mureaux, France Rolling Burnishing Simulation with PERMAS using NLS & CAU J. Van Delden, MAHLE Stuttgart 10:45 Coffee break 11:15 PERMAS V21, Summary and Overview S. Hüeber, INTES GmbH 12:15 Lunch 13:50 Using PERMAS for Modal Analyses of High-pressure Turbine Blades Made of a Single-crystal Nickel-based Superalloy <u>D. Goerke</u>, A. Pahs, C. Reiber, C. Berthold, DLR Stuttgart Model Order Reduction Using the Interface Impedance Method for Vibration Applications <u>P. Faivre D'Arcier</u>, J.-M. Sanchez, NAVAL GROUP, Cherbourg, France, N. Rannou, INTES France Level Up the Game: Precision Design of Power Window Systems A. Yao, Numeritec Inc., Shanghai, China Contact in Dynamics T. Willerding, INTES GmbH 15:30 Coffee break 16:00 Bead Optimization Revised C. Wulf, INTES GmbH Post-Buckling Analysis and Sizing of a Space Structure: A Case Study <u>Q. Jacob</u>, G. Ibrahim, LATITUDE, Reims, France Nonlinear Analysis Applications F. Hüter, INTES GmbH 17:15 Visit of Tübingen, Old Town 18:45 Social Event	09:30 Efficient Contact Modeling J. Currie, INTES GmbH Machine Layout with PERMAS and Meshparts A. Dadalau, Meshparts GmbH Direct Time-History Fluid-Structure Simulations for Underwater Radiated Noise in Submarine Applications <u>A. Balthazard</u>, J.-M. Sanchez, NAVAL GROUP, Cherbourg, France, N. Rannou, L. Dastugue, INTES France. 10:45 Coffee break 11:15 A Non-Standard FEA Framework for Multi-Load Test Scenarios: Application to an Automotive Fan System <u>E. Czerlunczakiewicz</u>, M. Majerczak, Valeo Thermal Systems Coupled EM/NVH Simulation to Reduce Sound Radiation of an Air-Core Coil N. Dauchez Université de technologie de Compiègne, Roberval, Compiègne, France, N. Rannou, J. Marchesini, INTES France, Automated PERMAS Model Preparation and High-Fidelity Result Evaluation Using ANSA and META K. Gourgounis, BETA CAE Systems SA, Thessaloniki Greece 12:30 Lunch 14:00 Contact Force/Lock for Simulating Mechanical Seafastening or "Jacking" of Jack-up Legs, combined with NLTIME. A. Vorren, Semar AS Robust Design Analysis of Gas-Turbine Rotordynamics using PERMAS and modeFRONTIER <u>S. Sharma</u>, T. Glöblein ESTECO Software GmbH, N. Wagner INTES GmbH Resolving Mesh-dependency on Contact and Non-smooth Finite Element Analyses <u>Z. Jia</u>, P. Sonnweber-Ribic, A. Dyck, Robert Bosch, Renningen, S. Münstermann, Inst. f. bildsame Formgebung, Aachen 15:15 Tombola, Final remarks 15:30 Farewell-Coffee and 16:00 End of Conference

Exhibitors

