Monday

	Tegernsee 2	Tegernsee 3	Tegernsee 4
3:00 - 3:30 p.m.	Transform engineering: how simulation and test drives innovation Jean-Claude Ercolanelli, Annika Hauptvogel, Guglielmo Caviasso	Join Tegernsee 2: Simcenter keynote	Join Tegernsee 2: Simcenter keynote
3:30 - 4:00 p.m.	Transform engineering: how simulation and test drives innovation Jean-Claude Ercolanelli, Annika Hauptvogel, Guglielmo Caviasso	Join Tegernsee 2: Simcenter keynote	Join Tegernsee 2: Simcenter keynote
4:00 - 4:30 p.m.	Transform engineering | Simcenter roadmap update: focus on system simulation Alberto Deponti	Transform engineering | Simcenter roadmap update: focus on fluids and thermal Karin Frojd	Transform engineering | Simcenter roadmap update: focus on mechanical simulation Jean-Luc Emery
4:30 - 5:00 p.m.	Transform engineering | Simcenter roadmap update: focus on system simulation Alberto Deponti	Transform engineering | Simcenter roadmap update: focus on fluids and thermal Karin Frojd	Transform engineering | Simcenter roadmap update: focus on mechanical simulation Jean-Luc Emery

Tuesday

	Tegernsee 2 - Simcenter system simulation	Tegernsee 3 - Simcenter fluids and thermal	Tegernsee 4 - Simcenter mechanical
10:30 - 11:00 a.m.	Lotus cars: powertrain evaluation for electric sports cars Vlad Rosu	MAN Energy Solutions: CFD-based marine propellor design for underwater noise reduction Keun Woo Shin	Fokker GKN Aerospace:reduce time to market in the aviation industry Alexandru Macovei
11:00- 11:30 a.m.	Plastic Omnium: Compressed Hydrogen Storage System simulation using Simcenter Amesim Anthony Levillain	SEFT Engineering: the Digital Twin in marine CFD applications Çağan Birant Pekküçük	Deploy the airframe structural engineering process of the future - today Jens de Boer
11:30 - 12:00 p.m.	ICCT: real-world usage of a battery electric car, a parametric study with Siemens Amesim Carolina Poupinha	R&D CFD: Thermal characterization of a large bore two-stroke marine engine Guiseppe Cicalese	Corrdesa : corrosion prevention in design – A tool stack-up to assess corrosion risk, choose materials and optimize the coating application process Alan Rose
12:00 - 12:30 p.m.	SHW Automotive: electric oil pumps for battery electric vehicles Sven Schumacher	Canceled Onesubsea session 0	Bosch ED: migration to NX / Simcenter 3D - why we use Simcenter 3D and how to increase the use of automated simulation models in an organization Fabian Schirmaier
2:00 - 2:30 p.m.	Renault: reducing the use of test resources and anticipating inter-system issues through upstream simulation Dimitri Tarlée	GustoMSC: using CFD to assess wind loads on the topside of a self-propelled wind turbine installation jack-up Zana Sulaiman	Aurobay: acoustic impacts on structural improvements on an I4 8 speed automatic petrol ICE power unit Hans Johannesson
2:30 - 3:00 p.m.	Driving innovation at BMW: the Journey from custom software to Simcenter System Analyst Georg Kuß	B&B Agema: development of hydrogen combustors for small-sized aero engines Karsten Kusterer	From development to deployment. SLM at Caterpillar Industrial Power Systems Richard Clark
3:00 - 3:30 p.m.	IFPEN: MODALIS² project, implementation of new modelling tools for next generation batteries in Simcenter products Martin Petit	FSI simulation at Tetra Pak Andreas Lindahl	Beycelik Gestamp R&D: fatigue performance of suspension control arms manufactured by stamping and arc welding İmren Öztürk Yılmaz
3:45 - 4:15 p.m.	Talgo: smart maintenance management approach based on artificial intelligence and digital twins technology. José Antonio Marcos Alberca	FS Dynamics: accelerating contamination modelling in lithography machines, overcoming challenges using overset meshing in Simcenter STAR-CCM+ José Nilton Fonseca	Jaguar Land Rover: aero-acoustic analysis of the cooling module to support concept packaging for NVH Steven Pierson
4:15 - 4:45 p.m.	How Simcenter Amesim helps Formula Student teams accelerate racecar development Henrik Berkmann	Energica Motor Company: the challenges we have overcome with Siemens Simcenter solutions. Giampiero Testoni	University of Ghent: simulating drivetrain flexibilities and control structures with Simcenter CAD motion simulation for a large-format laser machine. Simon Houwen
4:45 - 5:15 p.m.	Webasto: an holistic simulation of a battery system for an initial assessment of its compatibility for an application. Yashwanth Dasappagari	Morfo Design: harnessing multiphase simulations to support the design of rotating package beds for carbon capture Matteo Checcucci	

Wednesday

	Tegernsee 2	Tegernsee 3	Tegernsee 4	Tegernsee 1
10:30 - 11:00 a.m.	Airbus Operations: Can you fill up the tank? Optimization of the coupled thermomechanical simulation of a cryogenic refueling coupling. Alessia Panetta	Accelerating Battery Thermal Development through Simulation at Jaguar Land Rover Steven Pierson	FEAC Engineering: a curved superconducting bending magnet for cancer treatment through hadron therapy Charilaos Kokkinos	
11:00 - 11:30 a.m.	Safran Aerosystems: flammability assessment of aircraft fuel tanks Claudio Lindquist	Rimac Technology: thermal runaway modeling and prevention techniques George Oates	0 0	
11:30 - 12:00 p.m.	Dipolo: fly it before you build it, reaching new heights in aircraft development with simulation Federico Lo Cicero	Indesa: simulation-driven optimization of an electric motor with combined oil cooling Fabiano Bet	SIDACT: making simulation results manageable Stefan Müller	
12:00 - 12:30 p.m.	Aciturri: next generation high power fuel cells for airborne application Alejandra Baonza Perez	Roechling: multiphysics analysis, optimization through simulation Daniele Gusmerotti	ASML: Implementation of simplified plasma chemistry in Simcenter STAR-CCM+ via Chemkin Frederico la Torre	
2:00 - 2:30 p.m.	Rolls-Royce: aircraft engine nacelle aerothermal analysis Carlos Diaz	Accelerating Aerodynamics Analysis at Mercedes-Benz Erich Jehle-Graf	Aalborg University: explore the best characterization method for thermal structure of wide bandgap power semiconductors Yi Zhang	Siemens Mobility: high fidelity Digital Twin for optimized electrical propulsion systems in rail Wolfgang Wetzel
2:30 - 3:00 p.m.	ASML: MENC-Amesim integration to develop rarefied gas library in Simcenter Amesim Dipanjay Dewanji	BMW: leveraging Simcenter STAR-CCM+ GPU acceleration Iñigo Lopez	Arçelik: effect of muffler design parameters on compressor shell radiation by valve pseudo acoustic loading Onur Çatak	Simulation tools for digital industries to enable sustainable business platforms, digital threads and production plant transformation Stephan Buchholz
3:00 - 3:30 p.m.	Epiroc: Development and validation of a drill-rig Digital Twin Reza Rafiy	Jaguar Land Rover: accelerating aero-thermal CFD workflows balancing cloud-bursting and GPU technologies for deliver vehicle efficiency Nick Simmonds	Novicos: quiet fully automatic coffee machines as a result of test investigations and numerical analyses Olgierd Zaleski	Heller Machinenfrabrik: artificial intelligence brings the digital twin to the plant, as a executable digital twin (xDT) Bernd Zapt
3:45 - 4:15 p.m.	Kongsberg Maritime: marine power system simulations Michel Rejani Miyazaki	0 0	Arçelik: structure borne noise radiation analysis of washing machine Batuhan Erdoğan	DTU Wind & Energy: more reliable wind turbines by combining the real and the digital world Kim Branner
4:15 - 4:45 p.m.	Navantia: PROPDesigner, an exploration and assessment suite of propulsion systems based on Simcenter Studio Rafael Martin	Scania: an efficient complete vehicle thermal management simulation of heavy duty trucks and buses Matthias Chevalier	Secure and leverage knowledge by building your own python packages in combination with NXOpen Frederick Vanhee	Build a Digital Twin combining AI and system-level simulation to drive efficiency Remi Duquette
4:45 - 5:15 p.m.	Epiroc Rock Drills: Simcenter Amesim models in a Hardware in the Loop (HiL) environment for virtual software testing Roger Ström	Daimler Trucks: development of aerodynamics and thermal management for the eActros 600 Sven Winkler	Arçelik: computational aeroacoustic analysis of compact axial fans Evren Yenigelen	0 0