

Wednesday 30 Sep. 2026 – Day 1

Keynote Session				Opening & Vision			
Time	Speaker	Organization	Title				
9:00-9:30	Mr. Sean Horgan	Simerics, Director, Sales	Welcome to 'Performance CFD a paradigm shift in the use of CFD				
9:30-10:00	Mr. Jeremy Bliss	Steamology (CEO)	Designing Zero Emission Power products using Simerics-MP, from nitrogen purging, decompression systems and nozzle optimization				
10:00-10:30	Mr. Christian Svendsen	Danfoss	Comparison of CFD Simulations and test measurements for the Acoustic Characterization of Hydraulic Valves				
10:30 - 11:00 Coffee Break							
11:00-11:50	Dr. Yu Jiang	Simerics (Founder & CEO)	Overview of the latest new capabilities and enhancements within Simerics				
11:50-12:20	Mr. Mike Clapp	Simerics	Introducing Simerics-CAD, the unified new GUI including Simerics Cloud				
12:20-12:30	Mr. Frederic Spieß	Simerics	Introduction to User Survey				
12:30 - 14:00 Lunch Break							
TRACK 1: Fluid Machinery & Automotive				TRACK 2: Marine, Aerospace & Mechanical			
Powertrain, drivetrain, gear machines, and hydraulic components				Hull design, Propulsion, Mechanical systems			
Time	Speaker	Organization	Title	Time	Speaker	Organization	Title
14:00 - 14:30	Mr. Fabian Westrich	Simerics	Simerics-MP+ for Fluid Machinery and Positive Displacement Applications	14:00 - 14:30	Dr. Raghu Vamsee	Simerics	Simerics Marine for Efficient Hull Simulation and Optimization
14:30 - 15:00	Mr. Paul Wilkinson	Titan (Motorsport)	Gear Pump Modelling and Validation using Simerics-MP+	14:30 - 15:00	Mr. Ruari Grimes	Rockabill Marine Design	Designing Commercial Vessels, Workboats, RIBs using Simerics Marine
15:00 - 15:30	Mr. Ahmed Shorbagy	Dresden Univ. of Technology	Analysis of a Hydraulic Wobble Plate Pump	15:00 - 15:30	Mr. Cyril De Greef/ Mr. Leonore Custine	GD Tech	CFD Sensitivity Analysis of Multiphase Flow Performance in an Oil Tank
15:30 - 16:00 Coffee Break							
16:00 - 16:30	Ms. Emma Frosina	University of Sannio	External Gear Pumps	16:00 - 16:30	Dr. Rayhan Ahmed	Simerics	Valves in Motion: CFD Approaches for Dynamic Behavior, Cavitation Damage, and Acoustic Analysis
16:30 - 17:00	Dr. Chinmoy Mohapatra	Simerics	Multiphase flow modelling for ICE/BEV/HEV applications	16:30 - 17:00	Mr. Frederic Spieß	Simerics	Simerics and Aerospace Applications - A Growing Space
17:00 - 17:30	Ms. Marie Beck	TU Munich	CFD Modeling of Clutches and Wet Brakes	17:00 - 17:30	TBD		
End of Day 1 - 17:30 PM							
18:30 Transfer to Conference Dinner by Bus Conference Dinner at a Medieval Pub - The Dancing Man							

Thursday 1 Oct, 2026 – Day 2

		Keynote Session	Opening & Vision
Time	Speaker	Organization	Title
9:00-9:30	Mr. Henry Ukandu/AKA	Bosch Rexroth	Radial Piston Motors Development using CFD
9:30-10:00	Dr. Sarath Alayil Veetil	Coinager Solutions (MD)	Next-Generation Pump Design: Bridging the Gap Between CFD and Manufacturing
10:00-10:30	Mr. Dirk Ortlieb	Simerics	Benefits of Simerics-Cloud – Harnessing unlimited computing resources

10:30 - 11:00 Coffee Break

TRACK 3: Turbo-Machinery				TRACK 4: Emerging Applications			
Centrifugal Pumps, Turbo-Compressors, Fans...				Lubrication, Bearings, Scroll Machines, FSI, Aerospace...			
Time	Speaker	Organization	Title	Time	Speaker	Organization	Title
11:00 - 11:30	Dr. Dipak Maiti	Simerics	Simerics emerges as the CFD tool for Turbomachinery Applications	11:00 - 11:30	Dr. Soren Wettmarshausen	Simerics	Simerics-MP+ for Bearings, Lubrication Systems and Planetary Gears
11:30 - 12:00	Mr. Benjamin Karlson	Rotrex Superchargers	Practical CFD simulation of centrifugal superchargers using Simerics-MP	11:30 - 12:00	Ms.Amirreza Niazmehr	RWTH Aachen University	Roller Bearing Analysis
12:00 - 12:30	Mr. Jamal Elmansour	University of Brussels	Research on Erosion of Hydraulic Machines	12:00 - 12:30	Mr. Nasser Al-Maskari	University of Birmingham	Simerics-MP+ for Scroll Pumps/Compressors

12:30 - 14:00 Lunch Break

14:00 - 14:30	Dr Oliver Vedlei	CFturbo	Automated Performance Mapping - BladeRunner	14:00 - 14:30	Mr. Neeraj Bikramditya	City University (London)	Thermal Deformation Analysis of Roots Blower using FEM coupled CHT
14:30 - 15:00	Mr. Stefano Tassara	University of Ferrara	An Integrated Approach to Advanced Fan Design Space Exploration	14:30 - 15:00	Mr. Gowtham Parameswaran	GT Technologies	Co-Simulating GT-Suite (1D) by coupling with Simerics-MP
15:00 - 15:30	Mr. James Raven	Leeds Univ. Rocketry Assoc.	Liquid Oxygen Electric Pump for a Rocket Engine	15:00 - 15:30	TBD		

15:30 - 16:00 Coffee Break

Time	Speaker	Organization	Title
16:00 - 16:30	Dr.Yu Jiang	Simerics (Founder & CEO)	Simerics Future Developments and Roadmap
16:30 - 16:50	Mr. Michal Furmanczyk	Simerics (Founder & COO)	Q&A Session - Development of Simerics' New Graphical User Interface
16:50 - 17:00	Mr. Sean Horgan	Simerics	Survey Results - Closing Remarks

End of Day 2 - 17:00 PM