

Wednesday 30 Sep, 2026 – Day I

8:00 -8:45 Welcome and Registration

Keynote Session

Opening & Vision

Time	Speaker	Organization	Title
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8:45-9:15	Mr. Sean Horgan	Simerics, Director, Sales	Welcome to Performance CFD 'a paradigm shift in the use of CFD'
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9:15-9:45	Mr. Jeremy Bliss	Steamology (CEO)	Designing Zero Emission Power products using Simerics-MP, from nitrogen purging, decompression systems and nozzle optimization
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9:45-10:15	Dr. Sarath Alayil Veetil	Coinager Solutions (MD)	Next-Generation Pump Design: Bridging the Gap Between CFD and Manufacturing
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10:15 -11:00 Coffee Break

11:00-11:30	Dr. Yu Jiang	Simerics (Founder & CEO)	Overview of the latest new capabilities and enhancements within Simerics
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11:30-12:00	Mr. Mike Clapp	Simerics	Introducing Simerics-CAD, the unified new GUI including Simerics Cloud
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12:00-12:15	Mr. Frederic Spieß	Simerics	Introduction to User Survey
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12:15 -13:30 Lunch Break

TRACK 1: Fluid Machinery & Automotive

TRACK 2: Turbomachinery & Mechanical

Fluid machinery, Bearings and Hydraulic components				Turbomachinery, Aerospace and Mechanical			
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Time	Speaker	Organization	Title	Time	Speaker	Organization	Title
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13:30 - 14:00	Mr. Fabian Westrich	Simerics	Simerics-MP+ for Fluidmachinery - An Overview	13:30 - 14:00	Dr. Dipak Maiti	Simerics	Simerics emerges as the CFD tool for Turbomachinery Applications
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14:00 - 14:30	Mr. Amirreza Niazmehr	RWTH Aachen University	Roller Bearing Analysis	14:00 - 14:30	Mr. Nasser Al-Maskari	University of Birmingham	Simerics-MP+ for Scroll Pumps /Compressors
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14:30 - 15:00	Mr. Ahmed Shorbagy	Dresden Univ. of Technology	Analysis of a Hydraulic Wobble Plate Pump	14:30 - 15:00	Mr. Frederic Spieß	Simerics	Simerics and Aerospace Applications A Growing Space
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15:00 -15:30 Coffee Break

15:30 - 16:00	Dr. Chinmoy Mohapatra	Simerics	Multiphase flow modelling for ICE/BEV /HEV applications	15:30 - 16:00	Dr. Rayhan Ahmed	Simerics	Valves in Motion: CFD Approaches for Dynamic Behavior, Cavitation Damage, and Acoustic Analysis
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16:00 - 16:30	Ms. Emma Frosina	University of Sannio	External Gear Pumps	16:00 - 16:30	Mr. Stefano Tassara	University of Ferrara	An Integrated Approach to Advanced Fan Design Space Exploration
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16:30 - 17:00	Ms. Marie Beck	TU Munich	CFD-Driven Research and Development of Wet Clutches and Brakes	16:30 - 17:00	Mr. Neeraj Bikramditya	City University (London)	Thermal Deformation Analysis of Roots Blower using FEM coupled CHT
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End of Day I - 17:00 PM

18:00 Transfer to Conference Dinner by Bus
Conference Dinner at a Medieval Pub - The Dancing Man

Thursday Oct, 2026 – Day 2			
Time	Speaker	Organization	Title
9:00 - 9:30	Mr. Christian Svendsen /Federico	Danfoss	Keynote Session Comparison of CFD Simulations and test measurements for the Acoustic Characterization of Hydraulic Valves
9:30 - 10:00	Mr. Paul Wilkinson	Titan (Motorsport)	Gear Pump Modelling and Validation using Simerics-MP+
10:00 - 10:30	Mr. Patrick Strobl	University of Munich	Advancing the Design of Highly Integrated Electric Drive Units Using CFD Simulation
10:30 - 11:00 Coffee Break			
TRACK 3: Emerging Applications			
11:00 - 11:30	Dr. Raghu Vamsee	Simerics	Simerics Marine for Efficient Hull Simulation and Optimization
11:30 - 12:00	Mr. Gowtham Parameswaran	GT Technologies	Co-Simulating GT-Suite (1D) by coupling with Simerics-MP
12:00 - 12:30	Dr. Oliver Velde	CFturbo	Automated Performance Mapping - BladeRunner
12:30 - 14:00 Lunch Break			
14:00 - 14:30	Dr. Soren Wettmarshausen	Simerics	Simerics MP+ for Hydrodynamic Bearing Simulation
14:30 - 15:00	Mr. Cyril De Greef/ Mr. Leonore Custine	GD Tech	CFD Sensitivity Analysis of Multiphase Flow Performance in an Oil Tank
15:00 - 15:30	Mr. Dirk Ortlieb	Simerics	Benefits of Simerics-Cloud – Harnessing unlimited computing resources
15:30 - 16:00 Coffee Break			
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			
Common on Days 1 and Day 2			
Simerics Client Presentation Centre			
Speaker	Organization	Title	
Mr. Ruari Grimes	Rockabill Marine Design	Designing Commercial Vessels, Workboats, RIBs using Simerics Marine	
Mr. Henry Ukandu	Bosch Rexroth	Radial Piston Motors Development using CFD	
Mr. Benjamin Karlson	Rotrex Superchargers	Practical CFD simulation of centrifugal superchargers using Simerics-MP	
Mr. James Raven	Leeds Univ. Rocketry Assoc.	Liquid Oxygen Electric Pump for a Rocket Engine	
Mr. Jamal Elmansour	University of Brussels	Research on Erosion of Hydraulic Machines	