

Wednesday 30 Sep, 2026 – Day I

Keynote Session

Opening & Vision

Time	Speaker	Organization	Title
9:00-9:30	Mr. Sean Horgan	Simerics Inc, 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 Inc (Founder & CEO)	Overview of the latest new capabilities and enhancements within Simerics
11:50-12:20	Mr. Mike Clapp	Simerics Inc.	Introducing Simerics-CAD, the unified new GUI including Simerics Cloud
12:20-12:30	Mr. Frederick Spieß	Simerics Inc.	Introduction to User Survey

12:30 - 14:00 Lunch Break

TRACK 1: Fluid Machinery & Automotive

Powertrain, drivetrain, gear machines, and hydraulic components

TRACK 2: Marine & Mechanical

Hull design, Propulsion, Mechanical systems

Time	Speaker	Organization	Title	Time	Speaker	Organization	Title
14:00 - 14:30	Mr. Fabian Westrich	Simerics Inc.	Simerics-MP+ for Fluid Machinery and Positive Displacement Applications	14:00 - 14:30	Dr. Raghu Vamsee	Simerics Inc.	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	TBD		

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 Inc	Valves in Motion: CFD Approaches for Dynamic Behavior, Cavitation Damage, and Acoustic Analysis
16:30 - 17:00	Dr. Chinmoy Mohapatra	Simerics Inc	Multiphase flow modelling for ICE/BEV/HEV applications	16:30 - 17:00	Mr. Gowtham Parameswaran	GT Technologies	Co-Simulating GT-Suite (1D) by coupling with Simerics-MP
17:00 - 17:30	Ms. Marie Beck	TU Munich	CFD Modeling of Clutches and Wet Brakes	17:00 - 17:30	TBD		

End of Day I - 17:30 PM

18:30

Transfer to Conference Dinner by Bus

Main Conference Dinner The Dancing Man - Medieval Pub

Thursday | 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 Inc.	Benefits of Simerics-Cloud – Harnessing unlimited computing resources

10:30 - 11:00 Coffee Break

TRACK 3: Turbo-Machinery

Centrifugal Pumps, Turbo-Compressors, Fans...

TRACK 4: Emerging Applications

Lubrication, Bearings, Scroll Machines, FSI, Aerospace...

Time	Speaker	Organization	Title	Time	Speaker	Organization	Title
11:00 - 11:30	Dr. Dipak Maiti	Simerics Inc.	Simerics emerges as the CFD tool for Turbomachinery Applications	11:00 - 11:30	Dr. Soren Wettmarshausen	Simerics Inc.	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. Frederic Spieß	Simerics Inc.	Simerics and Aerospace Applications - A Growing Space
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 Inc. (Founder & CEO)	Simerics Future Developments and Roadmap
16:30 - 16:50	Mr. Michal Furmanczyk	Simerics Inc. (Founder & COO)	Q&A Session - Development of Simerics' New Graphical User Interface
16:50 - 17:00	Mr. Sean Horgan	Simerics Inc.	Survey Results - Closing Remarks

End of Day 2 - 17:00 PM