

Agenda

27th November

18:30 – 21:00

Welcome reception with drinks and snacks in the Hotel bar.

28th November

8:30 – 17:20

Room: Aare

Time		Presentation Title	Presenter
08:30	09:00	Registration	
09:00	09:25	Welcome and Introduction	Roland Feldhinkel Mentor
09:25	09:50	Simcenter™: Engineer Innovation	Jean-Claude Ercolanelli Siemens PLM
09:50	10:15	The Frontloading Design Centric Simulation a Myth or Reality?	Dr. Moh Sabeur Mentor
10:15	10:45	Break	
10:45	11:10	Mastering of Automotive LED Lighting Systems and Electronics with FloEFD	Martin Isack Delvis GmbH
11:10	11:35	EV Battery Pack Thermal Simulation, Design Changes and Performance Analysis with FloEFD	Guilherme Tondello Creative Solutions
11:35	12:00	Subsonic-Transonic Submerged Intake Design for a Cruise Missile	Oral Akman Roketsan
12:00	13:30	Lunch	
13:30	13:55	Comparison Between Experimental and Computational Results for the Transition to Turbulence in Flat Plate Channel Flow	Dr.-Ing. Jens Kitchofer APEX Research B.V.
13:55	14:20	What's New in FloEFD Version 17?	Alexey Kharitonovich Mentor
14:20	14:45	Bi-Level Airfoil Optimization with FloEFD and External Optimization Software	Anton Saratov Datadvance
14:45	15:10	Design Contest	Nazita Saye Mentor
15:10	15:40	Break	
15:40	16:05	Design of a Shaft-Mounted Radial Fan for the Cooling of an Electrical Motor	Karim Segond Freelancer
16:05	16:30	Transient Simulation and its Post Processing	Boris Marovic Mentor
16:30	16:55	Electromagnetic Simulation Tools for Electric Machinery Design and Analysis	David Lowther Infolytica (now Mentor)
16:55	17:20	Frontloading CFD Award Ceremony	Dr. Moh Sabeur Mentor

Dinner

18:00 – 22:00

Please catch the bus transfer to the dinner location at 18:00 from the hotel lobby.

Agenda

29th November

8:30 – 17:00

Room: Aare

Time		Presentation Title	Presenter
08:30	09:00	Registration	
09:00	09:25	CFD Simulation and Wind Tunnel Test Correlation for a Tailless Multi-Variant sUAS	Dr. Gerardo Olivares NIAR - Wichita State University
09:25	09:50	Speed, Precision and Skill: Flying in the Red Bull Air Race	Juan Velarde Team Velarde Red Bull Air Race
09:50	10:15	Aerodynamic Analysis of a Red Bull Air Race World Championship Raceplane	Matt Milne Mentor
10:15	10:45	Break	
10:45	11:10	Using FloEFD for Engineering Consulting	Maarten Groothoff Ingenieursbureau H.E.C. BV
11:10	11:35	Numerical and Experimental Investigation of an Automobile Turbocharger Using FloEFD	Mert Alpaya Borusan ArGe
11:35	12:00	FloEFD in Education - Empowering the Next Generation of Talent	Dr. Ivo Weinhold Mentor
12:00	13:30	Lunch	
13:30	13:55	Beating Moore's Law with FloEFD in the Cloud	Koen Beyers Voxdale
13:55	14:20	Expansion of FloEFD Possibilities Using the "External optimizer" Option	Dr. Gennady Dumnov Mentor
14:20	14:45	Coaltech Challenging the Status Quo in Underground Coal Mining Ventilation with FloEFD	Karl Du Plessis ESTEIQ
14:45	15:15	Break	
15:15	15:40	Integrated Model Based Design. Bridging the gap between 3D and 1D CFD	Alberto Deponti Mentor
15:40	16:05	Broadband & Wireless Equipment Thermal Design by FloEFD	Jay Chien EFD Corporation
16:05	16:35	Break & Vote for Best Presentation	
16:35	17:00	Final Remarks & Top 3 Presentation Awards	Dr. Moh Sabeur Mentor

Lunches and breaks sponsored by:

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