MONDAY | SEPTEMBER 27	TUESDAY | SEPTEMBER 28
WEDNESDAY | SEPTEMBER 29	THURSDAY | SEPTEMBER 30

TIME	TITLE | SPEAKER | AFFILIATION	LIVE Q&A EUROPE/ASIA	AMERICAS
10:00	**Welcome**		
10:10	**Simulating the New Generation of Wind Turbines** Francesco Papi | University of Florence	✔	
10:35	**Numerical Analysis of Contaminant Spread in a Classroom** Sameera Wijeyakulasuriya | Convergent Science	✔	✔
11:00	**LES of a Cough Jet Using CONVERGE and a Manikin Model** Haiwen Ge | Texas Tech University		✔
11:25	**KEYNOTE** | CFD Simulations of Respiratory Release Dispersion: Strengths, Limitations, and Impact on Disease Mitigation Measures Epaminondas Mastorakos | University of Cambridge	✔	
12:05	BREAK		
12:25	**Limaçon Machine Designs and Applications** Truong Phung | Federation University Australia	✔	
12:50	**Optimization of the Flow in an Oil Flooded Rotary Vane Compressor** James Willie | Compressors and Vacuum Systems Engineering GmbH	✔	
13:15	**Virtual Prototyping and Flow Analysis of a Generator Enclosure Using CONVERGE CFD** Varun Negandhi | EngSim		✔
13:40	**Numerical Simulation of Automotive Camera and Sensor Cleaning Sprays** Dheerendra Sridhar & Larry Rachow | ARaymond North America LLC		✔
14:05	**An Update on CONVERGE's Advantages in Gas Turbines and Aftertreatment** Scott Drennan | Convergent Science	✔	✔
14:30	**What's New in CONVERGE 3.1?** Keith Richards | Convergent Science	✔	✔
14:55	**Closing**		

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10:00	**Welcome**		
10:05	**CFD Modeling of ARC-M1 Gas Turbine for Predicting Lean Blowout** Debolina Dasgupta | Argonne National Laboratory		✅
10:30	**High Fidelity Large Eddy Simulation of Thermoacoustic Instability in a High-Pressure Combustor** Veeraraghava Raju Hasti | Purdue University		✅
10:55	**Modeling Pollutant Emissions from a Single Section on an Anode Baking Furnace** Domenico Lahaye | Technical University of Delft	✅	
11:20	**Modeling a Reacting Jet in Vitiated Crossflow at 6 Atmospheres** Scott Martin | Embry-Riddle Aeronautical University		✅
11:45	**Modeling of Rotating Detonation Engines for Air-Breathing and Rocket Propulsion** Pinaki Pal | Argonne National Laboratory		✅
12:10	**An Open-Source Technical Computing Platform to Analyze CONVERGE CFD Results** Siddhartha Banerjee | Mainspring Energy Inc.		✅
12:35	**BREAK**		
12:55	**Using CONVERGE to Quantify Liquid Propellant Slosh Damping for Space Vehicle Applications** Grant Musgrove | Southwest Research Institute		✅
13:20	**CFD Simulation of Oil Film Hydrodynamics in Main Bearing for HD Engines** Qingluan Xue | Volvo Group Trucks Technology		✅
13:45	**Liquid Jet Impingement: Fundamentals and Application to Electric Motor Cooling** Lorenzo Nocivelli | Argonne National Laboratory		✅
14:10	**Emobility Modeling in CONVERGE** Tristan Burton | Convergent Science	✅	✅
14:35	**CONVERGE 3.1 Enhancements: Multi-Stream Simulations** Xiaochuan Chai | Convergent Science	✅	✅
15:00	**Closing**		

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10:00	**Welcome**		
10:05	**CFD-Guided Evaluation of Spark Assisted Cold Idle Operation in a Heavy-Duty Gasoline Compression Ignition Engine** Emma Zhao | Aramco Americas	💬	
10:30	**Determination of the Impact of Individual Field Quantities on CCV** Clemens Gößnitzer | LEC GmbH	💬	
10:55	**Using 3D CFD Simulation Tools for a Better Design of H2 ICE** Rajesh Kumar | IFP Energies nouvelles	💬	
11:20	**KEYNOTE | The Convergence of Fundamental Combustion Science with Practical Engine Design and Development** Anthony Marchese | Colorado State University	💬	
12:00	**BREAK**		
12:20	**Simulations of Direct Injection of Liquid Ammonia Spray in CI Engine** Michal Lewandowski | Norwegian University of Science and Technology	💬	
12:45	**Effect of Bio-Oil Blends on a Large Two-Stroke Marine Engine** Flavio Chuahy | Oak Ridge National Laboratory	💬	
13:10	**A Tabulated Real-Fluid Modeling Approach Applied to Cryogenic LN2-H2 Jets Evaporation and Mixing at Transcritical Regime** Sajad Jafari | IFP Energies nouvelles	💬	
13:35	**H2-ICE Design Optimization for Ultra-Lean Combustion** Andrea Bianco | Powertech Engineering	💬	
14:00	**C3MechV3.3: A New Detailed Kinetic Model for Surrogate Fuels** Henry Curran | NUI Galway	💬	
14:25	**CONVERGE 3.1 Enhancements: Volume of Fluid Modeling** Angelo Frisani | Convergent Science	💬	💬
14:50	**Closing**		

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10:00	**Welcome**		
10:05	**CAD-CFD-Based Piston Bowl Parametric Optimization Process** Maria Pia Centini | PUNCH Torino	💬	
10:30	**Numerical Investigation of Passive Pre-Chamber Designs in a Light-Duty Gasoline Engine** Anqi Zhang | Aramco Services Company: Aramco Research Center – Detroit		💬
10:55	**Nozzle Geometry Effects on the Primary Jet Breakup - An Integrated Approach** Sampath K. Rachakonda | Argonne National Laboratory		💬
11:20	**Modeling of Spray Formation for Direct Injection System Using ROI and ELSA** Kaushik Saha | Indian Institute of Technology Delhi	💬	
11:45	**An Overview of Prechamber Engine Modeling at KAUST** Mickael Silva | King Abdullah University of Science and Technology	💬	
12:10	**BREAK**		
12:30	**Spray G Simulations Including Injector Tip Geometry and Variable Mass Flow Rate** Tuan M. Nguyen | Sandia National Laboratories		💬
12:55	**Numerical Investigation of Dual Fuel Engine at Early Injection Timings** Prabhat Ranjan Jha | Textron Specialized Vehicles		💬
13:20	**Advanced Combustion Methods in SI Engines: Ignition and Flame Propagation** Jacopo Zembi | Università degli Studi di Perugia	💬	
13:55	**Using CONVERGE CFD to Describe Knocking Combustion with RANS and LES with TFM** Michael Blomberg | VKA, RWTH Aachen University	💬	
14:20	**Assessment of Liquid Film Evaporation Modelling in a Turbulent Channel Flow** Mohamed Chemak | IFP Energies nouvelles	💬	
14:45	**CONVERGE 3.1 Enhancements: Fluid-Structure Interaction Modeling** Jasim Sadique | Convergent Science	💬	💬
15:10	**Closing** Convergent Science		