PRESENTATION SCHEDULE DETAIL

TUESDAY, SEPTEMBER 25

MORNING

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7:00 - 8:00	BREAKFAST & REFRESHMENTS
7:45 - 8:00	WELCOME Kelly Senecal, Convergent Science
8:00 - 8:40	KEYNOTE A DECADE WITH GRID CONVERGED CALCULATIONS Sibendu Som, Argonne National Laboratory
8:40 - 9:05	THERMAL INSULATION MODELLING WITH CHT FOR LOW HEAT REJECTION DIESEL ENGINE Olivier Colin, <i>IFP Energies nouvelles</i>
9:05 - 9:30	FLAME-WALL FILM INTERACTION Peng Zhao, Oakland University
9:30 - 9:55	APPLICATION OF LES TO PREMIXED LOW TEMPERATURE COMBUSTION ENGINES Aimilios Sofianopoulos, <i>Stony Brook University</i>
9:55 - 10:10	TECHNICAL PARTNER PRESENTATION Tecplot
10:10 - 10:30	BREAK
10:30 - 10:55	STEADY STATE CALIBRATION DEVELOPMENT FOR PASSENGER CAR DIESEL ENGINES LEVER- AGING GRAPHICAL PROCESSING UNITS (GPUS) Ronald Grover Jr., General Motors
10:55 - 11:20	FURTHER APPLICATION OF THE FAST TABULATED CPV APPROACH Adina Werner, <i>Brandenburg University</i> of Technology
11:20 - 11:45	DEVELOPING RELIABLE SURROGATE MECHANISMS FOR COMBUSTOR MODELING Henry Curran, Computational Chemistry Consortium (C3)
11:45 - 12:00	TECHNICAL PARTNER PRESENTATION TotalCAE
12:00 - 1:30	LUNCH

AFTERNOON / EVENING

1:30 - 1:55	FLAME CHARACTERISTICS DURING LEAN BLOW-OUT IN GAS TURBINE COMBUSTORS Prithwish Kundu, <i>Argonne National Laboratory</i>
1:55 - 2:20	NUMERICAL INVESTIGATION OF A PREMIXED DUMP COMBUSTOR USING LES Madhu Vellakal, National Center for Supercomputing Applications
2:20 - 2:45	LES OF A STRATIFIED TURBULENT BURNER USING THICKENED FLAME MODEL AND AMR Cédric Mehl, <i>IFP Energies nouvelles</i>
2:45 - 3:10	TECHNICAL ACHIEVEMENTS IN GAS TURBINES AND AFTERTREATMENT Scott Drennan, Convergent Science
3:10 - 3:25	TECHNICAL PARTNER PRESENTATION CAESES
3:25 - 3:45	BREAK
3:45 - 4:25	KEYNOTE NEW HORIZONS IN ENERGY TECHNOLOGY WITH CONVERGE David Schmidt, University of Massachusetts Amherst

6:00 - 10:00 **10-YEAR CELEBRATION + DINNER**

THE ORPHEUM THEATER Dianna Cowern, Physics Girl Jamie McNaughton, Roush Yates Engines Kelly Senecal, Convergent Science

Difficulty seeing the slides?

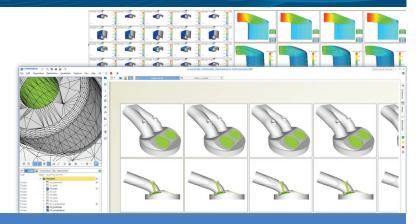
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WEDNESDAY, SEPTEMBER 26

MORNING

7:00 - 8:00	BREAKFAST & REFRESHMENTS
7:50 – 8:00	WELCOME BACK Elizabeth Favreau & Erik Tylczak, Convergent Science
8:00 - 8:40	KEYNOTE NEW DEVELOPMENTS IN HIGH EFFICIENCY ENGINES Terry Alger, Southwest Research Institute
8:40 - 9:05	SIMULATION OF SPARK-IGNITION COMBUSTION FOR CO-OPTIMIZATION OF FUELS AND ENGINES Zongyu Yue, <i>Argonne National Laboratory</i>
9:05 - 9:30	A COMPREHENSIVE AND ROBUST IGNITION SYSTEM MODEL FOR SI ENGINES Haiwen Ge, Virtual Thermal Fluids LLC, Oakland University
9:30 - 9:55	MODELING ADVANCED IGNITION SYSTEMS IN CONVERGE Riccardo Scarcelli, Argonne National Laboratory
9:55 - 10:10	TECHNICAL PARTNER PRESENTATION Rescale
10:10 - 10:30	BREAK
10:30 - 10:55	AERODYNAMIC AND COMBUSTION LARGE-EDDY SIMULATIONS OF ENGINE CONFIGURATIONS Anthony Robert, IFP Energies nouvelles
10:55 - 11:20	SURROGATE IMPACT ON FLAME PROPAGATION AND KNOCK PREDICTION Corinna Netzer, <i>Brandenburg University</i> of <i>Technology</i>
11:20 - 11:45	AUTOIGNITION PROCESSES IN ADVANCED INTERNAL COMBUSTION ENGINES Andrew Zdanowicz, Colorado State University
11:45 - 12:00	TECHNICAL PARTNER PRESENTATION Intelligent Light
12:00 - 1:30	LUNCH

AFTERNOON / EVENING

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5:10-7:00

COCKTAIL RECEPTION Madison Club

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