

Monday November 18, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-09:15 MoOPPL Room A Opening Address					
09:15-10:15 MoLPL Room A Plenary Lecture-1 NASA Aeronautics Overview and Propulsion Challenges Dr. James D. Heidmann (NASA Glenn Research Center)					
10:35-12:15 MoAM11 New Engine Development Invited Lecture-1&2	10:35-12:15 MoAM12 Internal Cooling		10:35-12:15 MoAM14 Unsteady Flow and Flow Control-1		10:35-12:15 MoAM16 Aerodynamic and Design of Axial Compressors-1
14:00-15:15 MoPM11 Acoustic Issues	14:00-15:15 MoPM12 Blade Cooling		14:00-15:15 MoPM14 Alloy Development for Disks	14:00-15:15 MoPM15 Aerodynamic and Design of Turbine-1	14:00-15:15 MoPM16 Aerodynamic and Design of Axial Compressors-2
15:35-17:35 MoPDPL Room A Panel Discussion-1 Future of Aircraft Propulsion Technology: a Manufacturers' Perspective					

Tuesday November 19, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-11:05 TuAM11 aFJR	09:00-11:05 TuAM12 Film Cooling		09:00-11:05 TuAM14 Structural Vibration & Damping	09:00-11:05 TuAM15 Combustion CFD	09:00-11:05 TuAM16 Aerodynamic and Design of Gas Turbines: Multi- Physics-1
11:25-12:25 TuL1PL Room A Plenary Lecture-2 Key Combustion Challenges for Future Gas Turbines Prof. Timothy C. Lieuwen (Georgia Institute of Technology)					
14:00-15:00 TuL2PL Room A Plenary Lecture-3 Improving Aerothermal and Aeromechanical Turbomachinery Design by Combining High-Fidelity Methods with Multi-Stage Approaches Prof. Joerg R. Seume (Leibniz Univ. Hannover)					
15:20-17:00 TuPM11 Propulsion-Aircraft Integration & Electrification	15:20-17:00 TuPM12 Novel Cooling Technologies	15:20-17:00 TuPM13 Compressor	15:20-17:00 TuPM14 Unsteady Flow and Flow Control-2	15:20-17:00 TuPM15 Fuel and Flame Diagnostic	15:20-17:00 TuPM16 Aerodynamic and Design of Axial Compressors-3

Wednesday November 20, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-11:05 WeAM11 Aeroelasticity and Flutter-1 Invited Lecture-3	09:00-11:05 WeAM12 Aerodynamic and Design of Centrifugal and Mixed-Flow Compressors	09:00-11:05 WeAM13 Small Gas Turbine System	09:00-11:05 WeAM14 Alloy Development for Blades and Coating	09:00-11:05 WeAM15 Combustor Developments	09:00-11:05 WeAM16 Testing Technology
11:25-13:05 WeAM21 Digital/IT/Statistical Issues-1 Invited Lecture-4	11:25-13:05 WeAM22 Advanced Methods in Heat Transfer	11:25-13:05 WeAM23 Small Gas Turbine	11:25-13:05 WeAM24 Unsteady Flow and Stability Enhancement in Compressors-1	11:25-13:05 WeAM25 Aeroelasticity and Flutter-2	11:25-13:05 WeAM26 Frontier on Computational Fluid Dynamics in Gas Turbines-1
	15:00-17:05 WePM12 Endwall Cooling	15:00-17:05 WePM13 Design and Performance Evaluation in System Perspective	15:00-17:05 WePM14 Unsteady Flow and Stability Enhancement in Compressors-2	15:00-17:05 WePM15 Aerodynamic and Design of Turbine-2	15:00-17:05 WePM16 Digital/IT/Statistical Issues-2
17:45-20:30 WeBNQPL Room A Banquet					

Thursday November 21, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-11:05 ThAM11 Industrial Gas Turbine and Power Systems	09:00-11:05 ThAM12 Thermal Managements		09:00-11:05 ThAM14 Rotordynamics & Structural Mechanics	09:00-11:05 ThAM15 Steam Turbines	09:00-11:05 ThAM16 Aerodynamic and Design of Gas Turbines: Multi-Physics-2
11:25-12:25 ThILPL Room A Plenary Lecture-4 How Additive Is Driving the Future of Manufacturing Dr. Thomas H. Pang (GE Additive)					
14:00-15:15 ThPM11 CO2 & CCS	14:00-15:15 ThPM12 System and Control		14:00-15:15 ThPM14 Mechanical Properties and Manufacturing Processes	14:00-15:15 ThPM15 Aerodynamic and Design of Turbine-3	14:00-15:15 ThPM16 Frontier on Computational Fluid Dynamics in Gas Turbines-2
15:35-17:35 ThPDPL Room A Panel Discussion-2 Turbine Technology Development in a Low Carbon Society and a Hydrogen Society					
17:35-17:50 ThCLPL Room A Closing Address					