

IGTC 2019 Technical Program Sunday November 17, 2019

Reception 17:45-20:00 SuWRPL Room B Welcome Reception
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IGTC 2019 Technical Program Monday November 18, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-09:15 MoOPPL Room A Opening					
09:15-10:15 MoILPL Room A Plenary Seesion Dr. James D. Heidmann (NASA Glenn Research Center)					

10:35-12:15 MoAM11 Room A New Engine Development Invited Lecture Dr. Frank Haselbach (Rolls-Royce)	10:35-12:15 MoAM12 Room B Internal Cooling	10:35-12:15 MoAM13 Room C	10:35-12:15 MoAM14 Room D Unsteady Flow and Flow Control-1	10:35-12:15 MoAM15 Room E Combusiton Instability	10:35-12:15 MoAM16 Room F Aerodynamic and Design of Axial Compressors-1
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14:00-15:15 MoPM11 Room A Acoustic Issues	14:00-15:15 MoPM12 Room B Blade Cooling	14:00-15:15 MoPM13 Room C	14:00-15:15 MoPM14 Room D Alloy Development for Disks	14:00-15:15 MoPM15 Room E Aerodynamic and Design of Turbine-1	14:00-15:15 MoPM16 Room F Aerodynamic and Design of Axial Compressors-2
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15:35-17:35 MoPDPL Room A Panel Discussion Future of aircraft propulsion technology: a manufacturers' perspective
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IGTC 2019 Technical Program Tuesday November 19, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-11:05 TuAM11 Room A aFJR	09:00-11:05 TuAM12 Room B Film Cooling	09:00-11:05 TuAM13 Room C	09:00-11:05 TuAM14 Room D Structural Vibration & Damping	09:00-11:05 TuAM15 Room E Combustion CFD	09:00-11:05 TuAM16 Room F Aerodynamic and Design of Gas Turbines: Multi-Physics-1
11:25-12:25 TuL1PL Room A Plenary Seesion Prof. Timothy C. Lieuwen (Georgia Institute of Technology)					
14:00-15:00 TuL2PL Room A Plenary Seesion Prof. Joerg R. Seume (Leibniz University Hannover)					
15:20-17:00 TuPM11 Room A Propulsion-Aircraft Integration & Electrification	15:20-17:00 TuPM12 Room B Novel Cooling Technologies	15:20-17:00 TuPM13 Room C Compressor	15:20-17:00 TuPM14 Room D Unsteady Flow and Flow Control-2	15:20-17:00 TuPM15 Room E Fuel and Flame Diagnostic	15:20-17:00 TuPM16 Room F Aerodynamic and Design of Axial Compressors-3

IGTC 2019 Technical Program Wednesday November 20, 2019

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

IGTC 2019 Technical Program Thursday November 21, 2019

Room A	Room B	Room C	Room D	Room E	Room F
09:00-11:05 ThAM11 Room A Industrial Gas Turbine and Power Systems	09:00-11:05 ThAM12 Room B Thermal Managements	09:00-11:05 ThAM13 Room C	09:00-11:05 ThAM14 Room D Rotordynamics & Structural Mechanics	09:00-11:05 ThAM15 Room E Steam Turbines	09:00-11:05 ThAM16 Room F Aerodynamic and Design of Gas Turbines: Multi-Physics-2

11:25-12:25 ThILPL Room A Plenary Seesion Dr. Thomas Pang (GE Additive)
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14:00-15:15 ThPM11 Room A CO2 & CCS	14:00-15:15 ThPM12 Room B System and Control	14:00-15:15 ThPM13 Room C	14:00-15:15 ThPM14 Room D Mechanical Properties and Manufacturing Processes	14:00-15:15 ThPM15 Room E Aerodynamic and Design of Turbine-3	14:00-15:15 ThPM16 Room F Frontier on Computational Fluid Dynamics in Gas Turbines-2
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15:35-17:35 ThPDPL Room A Panel Discussion Turbine technology development in a low carbon society and a hydrogen society

17:35-17:50 ThCLPL Room A Closing

IGTC 2019 Technical Program Friday November 22, 2019

Optional Facility Tours
<p>Course A</p> <p>A1. National Institute for Materials Science (NIMS) A2. Inaba Shuzo (Japanese sake brewery)</p> <p>Course B</p> <p>B1. JERA, Kawasaki Thermal Power Station B2. KIRIN Yokohama Brewery</p>