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NIGHT WITH INDUSTRY

Listen from industry experts during this three-part event consisting a panel discussion, a networking dinner and a dessert reception.
A great opportunity to learn, connect and grow.

MIT BUILDING 33
TUESDAY - 06.00 PM - 31 JAN, 2023

Registration Link

OUR GUEST SPEAKERS

DR. MIA STEVENS
Aurora Flight Sciences

DR. DURGESH CHANDEL
Intel Corporation

DR. HIRO ENDO
Schneck Corporation

CAVAN MORLEY
Textron System Corporation

SARA CAMPBELL
GE Aerospace

DR. ALBERT MOUSSA
BlazeTech Corporation

Session Moderator: Dr. Shreyas Hegde
AIAA New England Section

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TEXTRON Systems

OTHER SENIOR-EXECS AT EVENT

ROBERT LEVIN

GE Aerospace

PETER ROCK

GE Aerospace

PANELISTS' BIO

Sara Campbell is the Engineering Executive Leader for Heavylift Rotorcraft Engines at GE Aerospace. She started her career in 2010, at GE Oil & Gas on the Edison Engineering Program. She developed technical depth in the Thermal Systems Design discipline through analysis, design, and engine testing, and was recognized as a Controlled Title Holder in the discipline. In 2018, she moved into her first organizational leadership role leading a technical discipline, then led an engine systems organization. In her current role, she leads an engineering organization across multiple engine lines, directs resources across the enterprise to execute on near-term and long-term priorities, and strategizes engine line growth to meet future customer and market demands. She received her BSME (2010 with Highest Honors) and MSME (2012) at Georgia Institute of Technology. In her free time, she loves hiking, traveling, and spending time with her family.

Dr. Mia Stevens is an Autonomy Staff Engineer and team lead at Aurora Flight Sciences, a Boeing Company. Aurora is an aerospace company that advances the future of flight by developing and applying innovations across aircraft configurations, autonomous systems, propulsion technologies, and manufacturing processes. Dr. Stevens obtained her BS (2014) in Aeronautics and Astronautics at MIT, and MS (2016) and PhD (2019) in Robotics at the University of Michigan.

Dr. Durgesh Chandel is a Software Research Scientist in the Resolution Enhancement Technology (RET) team at Intel Corporation, and a former a Postdoctoral Associate in the Gas Turbine Laboratory (GTL) at MIT. Durgesh works on Semiconductors Etch Process models using Machine Learning algorithms. She has also worked on hypersonic reentry flow simulations at NASA Ames Research Center and is a research affiliate at MIT Hypersonics Research Lab. Durgesh obtained her Ph.D. in Aerospace Engineering and Mechanics from the University of Minnesota.

Dr. Hiro Endo is a Chief Technology Officer at Schenck USA Corp. He has 20 years of experience in testing, analyzing, and designing specialized engineering test systems. Dr. Endo has expertise in spin testing, gas turbines, gears, and vibration-based machine health monitoring technologies. Before joining the company, he worked as a technologist assessing the safety-critical jet engine parts, certification, and testing of Trent engines for Rolls-Royce PLC. He has also worked as a Structural Dynamics Consultant analyzing failures and recommending design modifications for large industrial machines and structures. Dr. Endo serves AIAA as the Chairman and a Council member for the New England Chapter. He also serves as a reviewer for the MSSP Journal and a board member of the MFPT Society. He has an MBA from IE Business School, a Ph.D. in Mechanical Engineering, and a bachelor's degree in aerospace engineering both from the University of New South Wales, Sydney Australia.

Cavan Morley has been with Textron for many years and have rotated through a variety of positions as part of their Leadership Development Program. More recently, he worked as a propulsion engineer for Textron Aviation in Wichita, KS. He was responsible for the completion of engine start and engine cooling test activities leading up to the successful certification of the Cessna 408 SkyCourier. He also led the planning efforts for flammable fluid testing on the Beechcraft 220 Denali, a single engine turboprop making use of the brand-new GE Aviation Catalyst engine. Since then, he has joined his mentor Jason at Textron Weapons Systems in Wilmington, MA as a systems and test engineer. In this role, he is frequently in the field and on the flight line conducting testing for some of our more cutting edge technologies. Cavan's background is in Mechanical Engineering, having graduated from the University of Maryland College Park; however, he is also in pursuit of an M.S. in Systems Engineering from The Johns Hopkins University. His career interests lie most heavily in aerospace, systems and test, and Lean Six Sigma process improvement strategies.

Dr. Albert Moussa started his career solving high-value fire and explosion problems in the aerospace, defense, chemical and power industries. Thus, he was exposed to a wide range of important safety problems in five continents. While working on safety, often times he identified key improvements to the technology underlying the product or process at hand. Accordingly, he founded BlazeTech Corp., a contract R&D and consulting company that works at the intersection of Mechanical, Aerospace and Chemical Engineering. BlazeTech developed unique innovative specialized software and measurement devices in the above areas. These are company assets ready for strategic partnerships or they can be launched as separate companies. Dr. Moussa has also helped numerous entrepreneurs both technically and financially to get them started. Previously, He worked at Arthur D. Little, Inc. and MIT. He received his B.S. from Stanford University and his M.S./Ph.D. from MIT with both dissertations in fire research. He has published widely including one book and 200 papers, reports and presentations.