Dr. Vivek Saxena: VP & Practice Leader, Aerospace Operations & Supply Chain • ICF International

Dr. Vivek Saxena, an Officer of the publicly traded ICF International, brings more than 20 years of general management, manufacturing, supply chain and engineering experience. As a Vice President at ICF Aviation, he is responsible for leading worldwide Operations and Supply Chain (OSC) Practice. He was previously the General Manager of a $500M business, a Plant Manager for a large manufacturing & assembly facility and a Chief Engineer for new engine programs at Pratt & Whitney. He was also the India Country Head for UTC Aerospace Divisions and taught at Cornell University Aerospace Engineering. He holds a PhD from the University of Cambridge. Dr. Saxena’s OSC Practice is squarely focused on manufacturing cost reduction and performance improvement using the latest tools and technologies as well as helping clients with pre-acquisition operations due diligence.

Laura L. Ely: Head of Technology, Aerostructures North America • GKN Aerospace

Ms. Laura Ely is a key player in the development and implementation of GKN Aerospace’s vision for technology R&D and insertion in North America. In 2014, she was instrumental in the establishment of the Additive Manufacturing and Metallics Technology Center in St. Louis, MO and served as the Center Manager until 2016. Since joining GKN in 2010, she has served in a variety of roles including technical project manager for several R&D Friction Stir Welding projects and lead manufacturing engineer for the successful launch of the Boeing 787-9 wing rib package. She started her career as a Metallurgical Process Engineer at Olin Brass supporting the manufacture of copper and brass strip products. Ms. Ely graduated summa cum laude from Missouri University of Science and Technology (Rolla) earning a Bachelor of Science degree in Metallurgical Engineering.

David H. Riemer: VP, A&D Strategy • Siemens PLM Software

Mr. David Riemer is responsible for utilizing all the resources, including marketing, product development, sales and services, of Siemens PLM to provide value-added solutions for the A&D Industry. Prior to this position he was the VP, Science and Engineering at ATK Aerospace Systems where he was responsible for all technology programs at ATK's Aerospace Systems group including the successful development of the Ares I first stage booster culminating in the successful static test of the world's largest rocket motor. He was also responsible for all engineering activities on the Space Shuttle Reusable Solid Rocket Motor, missile defense systems, strategic missile and commercial satellite solid rocket boosters. Prior to joining ATK, he had a 27-year career at Raytheon Aircraft. Mr. Riemer started his career at General Dynamics, Convair Division as a Thermodynamics Engineer. He holds a Bachelor of Science degree in Computer Science, and a Master of Science degree in Mechanical Engineering from the University of Utah.
### Moderator & Speaker Biographies

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<td><strong>Robert Kirkpatrick</strong></td>
<td>Executive VP &amp; COO • Accurus Aerospace</td>
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<td>Mr. Robert Kirkpatrick is currently the Executive VP and COO for Accurus Aerospace Corporation, a leading tier II supplier of machined parts, assemblies and processing services to the global aerospace industry. He has more than 20 years of experience in diversified roles across the aerospace manufacturing industry. Prior to joining Accurus, Mr. Kirkpatrick was Senior Vice President of Airframe Products for Precision Castparts Corp. (PCC), a worldwide, diversified manufacturer of complex metal components and products based in Portland, OR. Earlier in his career, he held senior positions at Primus International Inc. in Bellevue, WA and Walden’s Machine, Inc. in Tulsa, OK. Mr. Kirkpatrick received his BBA in Accounting and Finance from Northeastern Oklahoma State University and his MBA from the University of Tulsa in 2003.</td>
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| **Mark W. Larson** | Manager, Process Research & Development • Makino |
| Mr. Mark W. Larson has over 27 years of technical experience with Makino. He is currently leading development activities for Makino in their Process R&D center. In his current role, he is responsible for process research and development on horizontal and vertical machining centers which includes new tooling, program path, coolant, work holding, measurement, analysis of machining processes. He formerly held positions as the Applications Engineering Manager and Turnkey Engineering Manager at Makino. He has vast metal cutting experience which includes multiple years of developing specific turnkey engineered part solutions for various industries including Automotive, Medical and Aerospace. Mr. Larson is a graduate of Miami University with a BS in Manufacturing Engineering. |

| **Jeffrey D. Estes** | Director, Partners in THINC • Okuma America |
| Mr. Jeffrey Estes has 16 years of experience with Okuma and over 35 years of machine tool related manufacturing experience. He started his career after completing an Engineering Apprenticeship with a heavy equipment manufacturer. He has held leadership roles at fortune 100 companies, including United Technologies and Siemens, and has been Okuma’s Director of Partners in THINC since 2007. Recently, he concluded a 20-year term of being an adjunct Professor at the University of North Carolina – Charlotte teaching Operations and Logistics Management. Mr. Estes is a Certified Industrial Engineer and holds degrees in Business and Industrial Engineering Technology, with an MBA in Operations Management and Finance. |

| **Francois Gau** | VP, Aerospace & PowerGen Markets • Kennametal |
| Mr. Francois Gau is the VP, Aerospace and PowerGen for Kennametal. In this role, he is responsible for developing and implementing customer-driven competitive strategies to drive sustainable profitable growth in the Aerospace and Power Generation industries. He joined Kennametal in 2003 as Marketing Manager, Aerospace. He has held successive positions in strategic marketing for all end markets/businesses and was also leading the corporate development activities for Kennametal. Prior to Kennametal, Mr. Gau held numerous positions with Honeywell Aerospace in Toulouse, France and Phoenix, Arizona. He has over 25 years of experience of growing businesses within businesses through strategy development and dedicated field execution in various industries, notably in Aerospace & Defense. Mr. Gau holds a Master’s degree in Business Administration from the University of Phoenix and a Bachelor degree in Business Administration from the Institut de Formation a la Gestion of Toulouse, France. He was also a student of the University Paul Sabatier in Toulouse, France in mathematics and physics. |
Mr. Nick Guttridge qualified as a Licensed Aeronautical Engineer in 1979 following an Airframe/Engine Apprenticeship with British Caledonian Airways. He subsequently moved into a Sales Engineering career, firstly with MBM Technology and then with Moog Inc. He joined Fairey Hydraulics Ltd in 1989 as Business Development Director to "turnaround" the company's market position, and was a member of the MBO team that acquired the business from Fairey Group in 1998. The business (renamed Claverham) was sold to Hamilton Sundstrand for whom Mr. Guttridge subsequently became Director of European Mergers and Acquisitions. He joined Gardner in 2002 to take part in the 2003 MBO of the business that created Gardner Group Ltd. Mr. Guttridge is also a member of the Board of the UK Industry Trade Association, A|D|S, and is Chairman of the A|D|S Toulouse Bureau Management Board.

Mr. Manuel Terranova, President & CEO of Peaxy, is a technology veteran with a long track record of bringing emerging technologies to market. Before co-founding Peaxy, he was a Senior Vice President at General Electric's Drilling and Production business. During his 13 years at GE, he led a number of successful software development efforts, including a GIS software business, remote pipeline monitoring and SupportCentral, a knowledge-based portal he co-founded that grew to become the company's second most used application worldwide. Mr. Terranova served as CIO of GE's Oil & Gas division from 2002 to 2006. In that role, he led efforts to migrate the entire business from legacy applications to ERP and a contemporary application stack.

Mr. Stéphane Chauveau has been working with Dufieux, France, for the last ten years. Dufieux is a large machine tool manufacturer focused on aerospace machining process. In 2000, Mr. Chauveau joined the THK company, first as Sales Engineer in high precision mechanical component for machine tools and then as Area Manager and Coach for Rational Sales Skills. In 2005, he moved to Dufieux, starting as Project Engineer and participating actively on the Mirror Milling Process development for the aircraft fuselage parts. He became step by step Products & Sales Manager, shareholder and President. Dufieux joined the ARIES Group in 2015, and Mr. Chauveau is now acting as Dufieux's Director of Marketing & Sales. Mr. Chauveau graduated from ENSAM Paritech with a degree in Mechanical Design and Manufacturing Engineering.

Mr. Steve Townes is the inaugural Chairman for SC Aerospace – an industry cluster supported by the South Carolina Council on Competitiveness. He is the founder and CEO of Ranger Aerospace in Greenville. The Company has created a series of large-scale consolidation platforms, buying and building-up aerospace services companies such as “ASIG,” Keystone Helicopter, and Ranger International Group. He started his distinguished civilian career at a large aerospace conglomerate called LTV Aerospace & Defense. Mr. Townes is an engineering graduate of West Point, where he won the Eisenhower Award in 1975. He served in the 1st Ranger Battalion as a young officer.
**Moderator & Speaker Biographies**

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**Michael Liedtke: Partner • motormindz**

Mr. Michael Liedtke is a global sales, marketing and business development leader at motormindz, driven to conceive and launch new products and strategies. His experience runs deep; BMW Group, Mercedes-Benz, Boeing, Airbus, and numerous Tier One suppliers. While working for premium auto brands, he introduced them to the airline, airframe and business aviation world working with the leading companies in their respective fields. Headed up aviation programs, from single engine premium aircraft all the way to A380 projects, from air taxi operators to global airlines, he instilled the philosophy to always look at the end user without omitting the objectives of the actual client. “Passenger at heart, airline in mind”. During his time with Boeing, he headed up the design efforts for new interiors for a set of long range / high capacity aircraft programs, exploring new service concepts, seating layouts and cabin architectures. A mechanical engineer by trade, Mr. Liedtke earned a Master of Science degree from the University of Karlsruhe in Germany.

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**Martin W. Moffat: Vice President & General Manager - HSF • ARIES Manufacturing**

Mr. Martin W. Moffat is an executive with over 40 years of experience in the specialty metals industry. He spent 25 years with two major corporations, Babcock & Wilcox Co. and Teledyne, in various sales and executive management positions. He has worked as a key supplier of stainless magnet half shell structures for the Super-conducting Super Collider project of the US Department of Energy in 1989-1993. He also helped develop the Aluminum-Lithium alloy stringer program for NASA’s Space Shuttle liquid fuel tank structure in 1995. Mr. Moffat managed a Teledyne company, Dynamic Metal Forming, from 1993 to 1998 and joined Cyril Bath Company in 2004 as the Director of Sales and was promoted to his current position in 2012. He was instrumental in developing and currently manages the titanium forming (HSF®) business within ARIES Manufacturing. He received his B.A. Degree in Management Science from Duke University, Durham, NC.

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**Dr. Don A. Kinard: Sr. Technical Fellow, Deputy, F-35 Fighter Production System • Lockheed Martin Aeronautics**

Dr. Don Kinard is a Senior Technical Fellow for Lockheed Martin and Deputy for the F-35 Fighter Production System. The Fighter Production System was established to manage production transition from a current one aircraft per month production rate to a 20 aircraft per month production rate by 2017. Dr. Kinard has been with Lockheed Martin for 28 years and prior to his current assignment, he was Director of F-35 Production Engineering responsible for Joint Strike Fighter Tooling, Planning, Manufacturing Engineering, and Aircraft Systems Testing. Before joining F-35 in 2004, Dr. Kinard held various positions in both Engineering and Manufacturing during his 18 years on the F-22 Program including Composite Risk Reduction Lead, Covers and Mate IPT Lead, Engineering Lead for F-22 Production Support, and Deputy Director of F-22 Production. He earned a Bachelor’s degree in Chemistry from Trinity University in San Antonio, TX and a PhD in Physical (Polymer) Chemistry from Texas A&M University.

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**Tim Shumate: VP, Sales & Marketing • Composites Horizons**

Mr. Tim Shumate is currently the Vice President of Sales & Marketing for Composites Horizons - A PCC Company. He was most recently the Vice President of Business Development & Marketing for Ascent Aerospace. Mr. Shumate’s previous responsibilities included ATK’s Aerospace Structures Division, focusing on composite structures for commercial aerospace applications. He has been working in the aerospace materials and structures industry for the past 28 years, in various engineering, program management, and business development roles for companies such as McDonnell Douglas, SGL-Hitco, and Cytec Engineered Materials. His experience and background gives a broad and unique understanding of the aerospace composites structures and advanced composites materials industry, its history, the technologies used, and business trends. Mr. Shumate holds a Bachelor of Science degree in Engineering and Materials Science from University of California, Los Angeles (UCLA), and an MBA Degree from Pepperdine University.

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David Barr: Director, Boeing Business Development • Hexcel
Mr. David Barr is currently responsible for Hexcel Corporation’s business development at the Boeing Company, focusing on composite structure and tooling. Hexcel is well-known for its long history in development and manufacture of advanced composite materials. Hexcel also has a large composite structure fabrication business based in Kent, WA and a JV with Boeing in Malaysia (ACM). Mr. Barr has been with Hexcel for 21 years in a variety of roles including business development, sales and marketing, technology and R&D. He has been in the aerospace composite materials business since 1986 with Dow Chemical, ICI Fiberite, C&D Aerospace, and Hexcel. He holds a Bachelor of Science degree in Chemical Engineering from Clemson University.

Bradley Blonigen: Manager, Research & Development • Spirit AeroSystems
Mr. Bradley Blonigen started his career with Boeing at the Wichita division which has since been divested to Spirit AeroSystems. He has over 27 years of experience in R&D, primarily in composites processes with a short detour into determinate assembly, and has worked on projects ranging from thermoplastic composite forming to fiber placement with some honeycomb core forming and autoclave curing along the way. This experience eventually resulted in Mr. Blonigen achieving Associate Technical Fellow status prior to entering management where he is now the manager of the ManTech organization for Spirit’s Defense unit. Mr. Blonigen holds a Bachelor of Science degree in Aerospace Engineering from Iowa State University and a Masters degree is Systems Engineering from Missouri University of Science and Technology.

Timothy Kirk: VP, Sales & Marketing • Toray Composites
Mr. Tim Kirk is the Vice President of Sales and Marketing for Toray Composites, (America). His primary role is to engage with their global base of customers and open new opportunities for Toray’s diverse catalog of products and services. He brings over 15 years of aerospace and related experience with him and has a unique perspective on many related markets. Prior to his role with TCA, he was a senior-level Supplier Program Manager with Boeing Commercial Airplanes in Seattle, WA. He also completed many studies on supply chain design – including detailed studies of Japanese Just In Time (JIT) processes and how Best Practices in Lean Manufacturing can be extended beyond the shop-floor into all aspects of the business. Mr. Kirk holds a Bachelor’s Degree in Business Administration from the University of Washington. In 2006, he completed a graduate program in Systems Engineering from the Massachusetts Institute of Technology, and in 2009, he completed an Executive Certificate in Technology, Operations and Value Chain Management – also from MIT.

Brandon H. Bodily: Manager, Advanced Design & Manufacturing • Alcoa Forgings & Extrusions
Mr. Brandon Bodily is the Manager for Advanced Design and Manufacturing for Alcoa Forgings & Extrusions (AFE). He is responsible for AFE’s research and development activities in additive manufacturing, including the Ampliforge™ process, as well as other innovative manufacturing concepts. He also leads engineering project teams focused on the application of these technologies into customer design solutions. He is active in the implementation of these manufacturing processes into AFE plants. Mr. Bodily joined Alcoa in 2000 as an application engineer. He has worked at the Alcoa Technical Center and multiple business units with a focus on material and product development for the aerospace industry. Mr. Bodily holds a Bachelor of Science degree in Mechanical Engineering from Utah State University and a Master of Science in Engineering from Purdue University.
Jeffery D. Smith: Director, A&D Ideas Lab • Dassault Systèmes

Mr. Jeffery Smith is Director, A&D Ideas Lab at Dassault Systèmes. His career spans 34 years, with proven results in all aspects of the product life-cycle in driving disciplined change. He is an inspired leader, energizing both internal and external customers through strategic and critical thinking in adopting and pioneering new business processes and product improvements to enhance affordability. Mr. Smith retired from Lockheed Martin Corporation after over 27 years in various positions, including program leadership and management, critical transformational business capabilities, enterprise processes and tools, engineering, manufacturing, testing, and launch support associated with Engineering, IT, Technical Operations, LMC Engineering Process Improvement (EPI), GPS III, Titan IV, Titan II, Commercial Titan, and NASA shuttle programs. He holds a Bachelors degree in Civil Engineering from Brigham Young University.

Connie Buynacek: Director, Advanced Manufacturing • Moog Aircraft Group

Ms. Connie Buynacek is Director of Advanced Manufacturing for Moog’s Aircraft Group. She has over 20 years of experience in Manufacturing, Product, and Design and Development Engineering in the automotive and aerospace industries. She is responsible for Manufacturing Engineering across Moog sites in East Aurora, NY, Torrance, CA, Wolverhampton and Tewkesbury in the UK, and Baguio City, Philippines. Ms. Buynacek is focused on advancing the Moog manufacturing operations through additive manufacturing, automation, and predictive manufacturing and inspection methods for Moog’s aerospace applications. Ms. Buynacek holds Bachelors and Masters Degrees in Mechanical Engineering from the University of Dayton with a focus on aerospace as well as metallurgy, fracture and fatigue, aluminum alloys and composites.

Scott Sevcik: Director, Business Development - A&D • Stratasys

Mr. Scott Sevcik is the Director of Aerospace & Defense Business Development at Stratasys. In this role, he is responsible for accelerating the adoption of additive manufacturing in the Aerospace & Defense industries globally through building partnerships for application and technology development. Prior to Stratasys, he led the program management team developing sensors and integrated systems for commercial transport aircraft at United Technologies Aerospace Systems. At UTAS, and Lockheed Martin before that, he led engineering teams on development projects for the SmartProbe AirData System, the Taiwan P-3 Aircraft, and a satellite launch program. He also led proposal efforts for UA Vs, avionics, and missile defense programs at Lockheed Martin. Mr. Sevcik holds Master’s degrees in Business Administration and Aerospace Engineering from San Jose State University, and a Bachelor’s degree in Aerospace Engineering from Iowa State University.

Joanna Speed: Managing Director, A&D and SpeedNews Conferences • SpeedNews

In 1979 Gilbert and Ann Speed launched SpeedNews, the aviation industry’s most innovative newsletter. In 1994 their daughter Joanna Speed joined the company putting to use her degree from Cal Poly State University San Luis Obispo and her acumen for business and marketing. While beginning her informal education in commercial aviation under Publisher Gil Speed, she studied business in the Pepperdine University graduate program. Over the years, Ms. Speed streamlined the company to increase revenue and reduce costs, led the effort toward online distribution, and created new marketing programs for large corporate subscribers. When SpeedNews Conferences emerged as influential forecasting and intelligence forums, she refined and expanded marketing strategies for the Aviation Suppliers Conferences. As Managing Director, she introduced three more forecasting and intelligence forums for the Aerospace & Defense Industry. SpeedNews has been part of Penton’s Aviation Media Group since 2006. Following Penton’s acquisition of Aviation Week in 2013, Ms. Speed was promoted to Managing Director, Aerospace & Defense Events, with an expanded portfolio of Conferences that now includes AerospaceDefenseChain, formerly SpeedNews Annual Aerospace & Defense Suppliers Conference, Aviation Week’s A&D Programs, Defense Technology & Requirements and Executive Roundtables.