[Speakers]
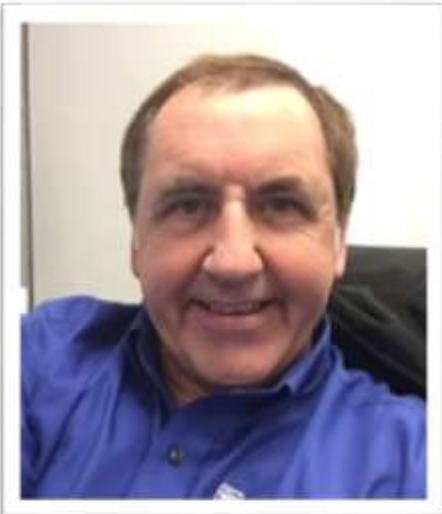
digitalbridge 2018
PITTSBURGH'S INDUSTRY 4.0 CONFERENCE

Karen Alexander, Director @ XRconnectED
Consultant working to bring augmented reality, virtual reality, and 360 video to the Pittsburgh region. Background in Higher Education Administration, Management, and Educational Program Development.

Michael Archer, Senior Engineer @ Rolls-Royce
Born in university town of Loughborough, England. Following a Technical Engineering Apprenticeship in Mechanical Engineering joined the National Nuclear Corporation in 1980 to design Sizewell B Nuclear Power Plant, including development of Emergency Boration System. Overseeing Sizewell B construction and commissioning program and then other civil nuclear projects. Joined Rolls-Royce Submarines in 1997 to design reactor systems for Astute Class Submarine and responsible for submarine dockyard safety cases and nuclear plant performance. In 2008 seconded to Westinghouse Electric, Pittsburgh to support technical design of AP1000 for China, returning to UK to develop strategies for SMR design for the UK focusing on modular assembly and testing. Responsible for Equipment Health Monitoring (EHM) R & D before moving to US in 2013 to Rolls-Royce Engineering Services. Currently SME for Preventive Maintenance Optimization for Bruce Power and developing Continuous On-Line Monitoring for US Nuclear Power Plants. Member of Nuclear Institute (UK). Post Grad in Risk and Reliability. Married to Dannielle, with daughter in the UK. Hobbies include Music, Cycling and making wine. Overall 37 years in Nuclear Industry.

Stephen Catt, Deputy Director, EWD @ Advanced Robotics for Manufacturing (ARM)
Dr. Catt has been an adjunct professor of organizational development and an administrator for a community college for 30 years. He was a catalyst in regional development of regional advanced manufacturing programs, an associate's degree in robotic technology, STEM coalitions among businesses and education, and other creative workforce initiatives.

Eli Evankovich, CEO @ Premier Automation

Eli Evankovich, a native of Murrysville, Pa., joined Premier Automation as the Chief Executive Officer in the summer of 2018. He began his professional career at the US Steel Mon Valley Works. Eli advanced through multiple positions of increasing responsibility within Accounting and Financial Analysis. In 2010, while at US Steel, Eli successfully ran for an elected position as a Representative in the Pennsylvania General Assembly. Shortly after being elected to his fourth term, he voluntarily announced that he would not seek a fifth term. During his tenure as a lawmaker, Eli focused his efforts primarily on issues that affect the job economy in Pennsylvania. In 2012, he founded the Pennsylvania Bipartisan Manufacturing Caucus intended to bring awareness to policies that effect manufacturers throughout Pennsylvania. Although he authored four substantive bills and 10 amendments that were signed into acts of law, his real work was collaborative efforts between interest groups and elected officials to enact changes such as: lawsuit abuse reform, regulatory reform and education/workforce development and to stop policy items such as tax increases, excessive spending and giveaways to special interest groups. Eli is a graduate of the University of Pittsburgh.

Patrick Funk, PhD Candidate @ Carnegie Mellon University

Patrick Funk is a PhD Candidate in the Department of Engineering and Public Policy at Carnegie Mellon University. Utilizing a B.A. in Applied Mathematics and Statistics from The University of Montana, he has worked in diverse fields including neuropharmacology, machine learning for IoT, and technology policy. His PhD research employs machine learning, decision science and optimization methods to accelerate commercialization of new technology. His dissertation is focused on metal additive manufacturing for aerospace as a first test case of this unique methodological process combination. Generally, he aims to develop more efficient and effective methods of combining expert and algorithmic knowledge to speed technology commercialization and adoption.

Avi Geller, CEO @ Maven Machines

Avi Geller is the founder and CEO of Maven Machines. Known for patenting the first Smart Bluetooth® headset for driver safety, Avi has led Maven's growth as an IoT platform that now serves both transportation and manufacturing through real-time mobile-cloud software and sensors. Prior to founding Maven Machines, Avi held international positions with SAP and took part in several successful software and startups. Avi, a native of Silicon Valley, earned a BSc in Electrical Engineering and Computer Science from MIT and an MBA from Kellogg.

Mike Holtkamp, Digitalization Account Executive @ Siemens

Mike Holtkamp is a Digitalization Focus Account Executive for Siemens. He has been with Siemens almost 30 years in various Sales, Marketing and Management positions before devoting his energies exclusively to helping companies of all sizes embrace the opportunities of Digitalization and Industry 4.0. Mike has a BS in Mechanical Engineering from WVU and advanced studies in Business Policy from SUNY and Smart Manufacturing from MIT.

Kevin Jones, CEO @ Ectobox, Inc.

Kevin is CEO and lead strategist at Ectobox, Inc., an IoT and software consulting company in Pittsburgh, PA. Founded the company 20 years ago. He is a IoT Inc Certified IoT Professional, and an active member and on the board of the Allegheny Appalachian Chapter of SMRP, and member of NTMA. Kevin also hails from Duquesne University, worked in accounting, and has developed a long background in software and technology.

Ben Lawrence, Vice President @ KCF Technologies

Ben has spent the majority of his career helping Silicon Valley-based startups transform their brilliant technologies into real-world sales and profits. With his support, these companies have achieved record profits, gone public, or been acquired by Fortune 500's. He is the Vice President at KCF Technologies, one of the nation's fastest growing technology companies.

Brian Meier, Vice President of Engineering @ Richardson Cooling Packages, LLC

Brian Meier is the Vice President of Engineering for Richardson Cooling Packages, LLC (RCP) in New Castle, PA. At RCP he focuses on the development of products and processes to support the production and sale of cooling system parts and assemblies for use in off-highway applications.

While at RCP, Brian developed a compact heat exchanger performance simulation program, won a grant from Innovation Works to build a wind tunnel, and helped RCP win a Pittsburgh Business Times Manufacturer of the Year Award. To increase the quality of a robotic weld process where nothing is in the same place twice, he and his team are utilizing 3D measurements, improving part design and analyzing integrated sensor, machine, and human generated data.

Brian earned his BSME from MIT, his MSEE from Pitt, and his MBA from IUP. He is listed as a co-inventor on three US Patents related to radiator design.

Daniel Phillips, Technical Director @ Regal Beloit

Daniel Phillips is the Technical Director of Lifecycle Services for Regal Beloit, and is based Pittsburgh, PA. He has experience with helping customers turn data from smart connected products into actionable information which has a positive effect on a facilities' bottom line. Based on the foundational principles of reliability and asset management, he works to create cost-effective solutions for remote monitoring and prescriptive analytics. As an active member of the Reliability community, he has published numerous technical articles on machinery health management, vibration analysis, torque monitoring, and fatigue life prediction. He holds a degree in Mechanical Engineering from the University of Maryland Baltimore County and has 15 years of experience in the mechanical engineering for Oil & Gas and Heavy industries.

David Radin, Vice President @ Hamiltonian Systems Inc.

You may know David from his technology/business columns in TEQ, The Pittsburgh Post-Gazette or Gartner's New Science – or from his technology-talk radio show on KDKA, XM, Armed Forces Network, and 400 other radio stations. David started his career working with companies in the enterprise and mid-market space providing engineering and high-performance computing solutions. He has founded and grown several companies, and as a consultant, has helped launch products for Verizon, Apple, Motorola and other companies. In his role at Hamiltonian Systems, David works with corporate business units, sourcing and IT departments to help them implement supply chain solutions, IIoT, and data governance solutions with lower risk and at decreased cost. David earned his MS at Yale University, MBA at Duke University (Fuqua) and is a certified consultant for Dale Carnegie Training.

Ken Sabo, Senior Manufacturing Director @ Concurrent Technologies Corporation

Mr. Sabo is an accomplished professional with over 25 years of experience in leading diverse design and prototype development projects. For the past six years, Mr. Sabo has led CTC's Additive Manufacturing (AM) Business Unit. Under Ken's leadership, CTC is advancing additive manufacturing technologies in the areas of powder bed fusion, hybrid AM, and cold spray. CTC's AM projects are many and varied, and leverage externally funded programs as well as internally funded research and development. Key focus areas include metal powder recyclability, welding and repair of AM materials, nondestructive evaluation techniques, and characterizing the operating parameters for their in-house AM equipment. Mr. Sabo received his degree in Mechanical Engineering from the University of Pittsburgh at Johnstown and his master's degree in Manufacturing Systems Engineering from the University of Pittsburgh.

Arif Sirinterlikci, University Professor/Associate Dean @ Robert Morris University

Arif Sirinterlikci holds BS and MS degrees both, in Mechanical Engineering from Istanbul Technical University (Turkey) and a Ph.D. in Industrial and Systems Engineering from the Ohio State University. He is also a Certified Manufacturing Engineer (CMfgE). He is the recent past Head of Robert Morris University (RMU) Engineering and currently serves as the Associate Dean for Research and Outreach at the RMU School of Engineering, Mathematics, and Science. He had served as an officer of the American Society for Engineering Education (ASEE) Manufacturing Division in the years of 2003-2011 including its Chair as well as Member of the Society of Manufacturing Engineers (SME) Journals and Manufacturing Education and Research (MER) Community Steering Committees until recently. His interests lie in Reverse Engineering, 3D Scanning/AR/VR/VS, 3D Printing/Additive Manufacturing, Medical Manufacturing, Industrial Automation/Robotics, and Entertainment Technology fields.

Joe Sremack, Director, Data Analytics & Software Robotics @ BDO USA, LLP

Joe Sremack is a director in BDO's Data Analytics & Software Robotics practice. His primary focus is developing and implementing strategies and technologies to assist corporate and legal clients in matters involving complex technology issues and investigations. Joe Sremack is a director in BDO's Data Analytics & Software Robotics practice. His primary focus is developing and implementing strategies and technologies to assist corporate and legal clients in matters involving complex technology issues and investigations.