



EXECUTIVE COUNCIL DIRECTORY

COMVEC 17

ON-HIGHWAY | OFF-HIGHWAY | DEFENSE

September 18-20, 2017
Rosemont, Illinois, USA

Mission:

To be the conference of choice for the sharing of technical knowledge and networking for the global on-road and off-road commercial vehicle industry.

THANK YOU

SAE International extends a heartfelt thank you to the Executive Council for their insight and leadership. The involvement and participation of this group allows the SAE International Commercial Vehicle Engineering Congress to be a relevant and valuable industry driven event.

COMMERCIAL VEHICLE SECTOR VICE PRESIDENT**THOMAS R. STOVER**

Commercial Vehicle Sector Vice President
SAE International

In July 2014, Mr. Stover retired from Eaton Corporation as Chief Technical Officer. Prior to that he was the Engineering Manager-Truck Technology, at the Eaton Innovation Center in Southfield, MI. In that role, he was responsible for leading the development and demonstration of advanced technologies, including hybrid systems, advanced transmission concepts, emission control systems and powertrain systems integration. In March, 2007, Mr. Stover was named Vice President - Technology for Eaton's Truck Group, with responsibility for technology, innovation and engineering excellence for Eaton Truck worldwide.

Between 1977 and 2002, Mr. Stover was employed by Cummins Engine Company. While at Cummins, his responsibilities included the development of new advanced turbo-machinery, development of engine performance and emissions control systems, and the design and development of new engine products.

Mr. Stover is the current Commercial Vehicle Vice President for the SAE International Commercial Vehicle Sector and is currently serving a three-year term on the SAE Board of Directors in this capacity.

COUNCIL MEMBER



DR. MEHDI AHMADIAN

Professor & Director
Center for Vehicle Systems and Safety
Virginia Tech University

Mehdi Ahmadian is Dan Pletta Professor of Mechanical Engineering at Virginia Tech, where he also holds the position of Director of Center for Vehicle Systems and Safety (CVeSS), and the Railway Technologies Laboratory (RTL). He is the founding director of CVeSS, RTL, Virginia Institute for Performance Engineering and Research (VIPER), and the Advanced Vehicle Dynamics Laboratory (AVDL). Dr. Ahmadian has authored more than 120 archival journal publications and more than 250 conference publications, including a number of keynote lectures. He has edited 6 technical proceedings and has made more than 300 technical presentations in topics related to advanced technologies for ground vehicles. He holds ten U.S. and international patents, and has edited four technical volumes. He currently serves as Editor for the International Journal of Vehicle System Dynamics, Editor-in-Chief for Journal of Vibration and Control, Editor-in-Chief of Shock and Vibration journal, and Editor-in-Chief for Advances in Automobile Engineering. He also serves on the Editorial Board of the journal of Smart Materials Research and Advances in Mechanical Engineering. In the past, he has served as Associate Editor for the ASME Journal of Vibration and Acoustics (1989 – 1996), the AIAA Journal (2000 – 2008), and journal of Shock and Vibration (2003 – 2011). Dr. Ahmadian is Fellow of American Society of Mechanical Engineers (ASME), Fellow of the Society of Automotive Engineers (SAE International), and Associate Fellow of the American Institute for Aeronautics and Astronautics (AIAA). He is the recipient of the 2008 Society of Automotive Engineers (SAE International) Forest R. McFarland Award, the 2014 SAE International L. Ray Buckendale Award with a plenary lecture on “Integrating Electromechanical Systems in Commercial Vehicles for Improved Handling, Stability, and Comfort,” and the 2015 SAE Lloyd L. Withrow Distinguished Speaker Award. Dr. Ahmadian is an active member of SAE International. His activities include: Member-at-Large of the SAE Membership Board; member of Executive Council, SAE International Commercial Vehicle Engineering Congress (ComVEC); Activity Chair, COMVEC 2015; and past Chair of the SAE Chassis and Suspension Committee.

Dr. Ahmadian’s research interests include: vehicle system dynamics and control, advanced automotive systems, Smart Materials and Systems, Advanced materials for improving ground vehicle dynamic performance and control, energy harvesting systems, intelligent suspensions, magneto-rheological fluids, and biodynamics.

COUNCIL MEMBER



CRAIG BARNES

Retired, Cummins, Inc.

Craig A Barnes retired from Cummins Inc at the end of 2015 with over 40 years of experience in the commercial vehicle segment of the automotive industry. He is now working as a private consultant.

Craig began his career in the mid-1970’s with John Deere working on the design and analysis of diesel engines and related components. He moved to Cummins Inc in 1988 where progressed through a number of key technical leadership roles including: Chief Engineer, Light Duty Automotive; Executive Director, Corporate Planning; Executive Engineer, Filtration; Chief Technical Officer, Emission Solutions; Chief Technical Officer, Cummins India; Managing Director, Cummins Research Technology India; and Chief Technical Officer, Cummins Components Business. He has worked with major global OEM’s and suppliers to implement new technology, particularly in the area of emission reductions.

He has been an active member of the Society of Automotive Engineers for over 37 years and has held key leadership roles in the US and India. He has also been an active member of the Society of Women Engineers and in 2009 was awarded the Rodney D Chipp Award for his work in establishing a culture of inclusion the workplace and creating opportunities for women engineers in the United States and abroad.

Craig received his BS in Mechanical Engineering from the University of Missouri-Rolla (now known as the Missouri University of Science and Technology.) He is an active member of Academy of Mechanical and Aerospace Engineering serving on the scholarship committee and is also a senior design project mentor. In 2016, he has been selected to receive an Award of Professional Distinction from the university as well as an Alumni Achievement Award.

COUNCIL MEMBER



ALAN BERGER

CTO - Ag Products
CNH Industrial

Alan Berger is the Chief Technology Officer - Agricultural Products, CNH Industrial and is based in New Holland, PA.

Mr. Berger is responsible for leading the product life cycle including all engineering activity for all global agricultural products in CNH's Case IH, New Holland and Steyr brands.

Prior to this position, Mr. Berger held a progression of positions at Volvo Construction Equipment, culminating in the role of Senior Vice President, Technology.

Mr. Berger holds an BS in Electrical Engineering, Computer Engineering, and Applied Mathematics from Carnegie Mellon University, MS in Electrical Engineering from Carnegie Mellon University Pittsburgh, USA and MBA from J.L Kellogg Graduate School of Management, Northwestern Univ., Illinois, USA.

Over his career, Mr. Berger has been associated in Engineering & Technology leadership positions with Xerox Corporation, Redzone Robotics, CNH Global and Trane refrigeration systems.

Mr. Berger is a holder of 21 U.S. patents and author of nine publications, primarily in electro-mechanical and embedded electronic products.

COUNCIL MEMBER



STEVE BERRY

Directory Regulatory Affairs, North America
Volvo Group

Steve Berry has supported the Volvo Group in North American heavy-duty regulation development for ten years, including seven years managing the certification of the Group's US truck engines with EPA and the California Air Resources Board. Steve has a BS in Mechanical Engineering from Virginia Tech, and has been working with Mack Trucks and ultimately the Volvo Group since 1983. His career experience within engine engineering includes work as a structural engineer, technical group leader, manager of advanced engineering, and project manager. He currently sits on EMA's Executive Committee.

COUNCIL MEMBER



CHARLES CHILTON

General Manager,
North America Tractor Platform
Navistar Inc.

Charles Chilton is currently the General Manager of the North America Tractor Platform at Navistar and has over 20 years of progressive global commercial vehicle experience spanning product planning, product development, margin improvement and team building. Charles has held various senior leadership positions in several commercial vehicle industries including buses, emergency vehicles, electric vehicles, stripped chassis and recreation vehicles. Prior to joining Navistar, Charles served as Vice President, Product Development and Planning at Emergency One as well as Program Manager and Product Manager with Thomas Built Buses. Charles is a graduate of North Carolina State University and Wake Forest University.

COUNCIL MEMBER



MICHAEL CONNOLLY

Director, Sales
Robert Bosch LLC

Currently Director – Sales for the Diesel Systems business unit of Robert Bosch LLC, Mr. Connolly has been involved in the diesel engine and vehicle industry for nearly 30 years. In his current position he is responsible for the worldwide support of Bosch commercial vehicle customers headquartered in North America.

Prior to his current position he worked in Application Engineering in which he oversaw many Commercial Vehicle applications for Bosch in North America. He has helped launch several generations of advanced fuel systems, engine controllers, and aftertreatment systems for North American applications.

Mr. Connolly has worked overseas at Bosch Diesel Systems locations in Stuttgart, Germany and Hallein (Salzburg), Austria. Prior to joining Bosch in 1997 he worked nearly ten years at General Motors in various diesel engine development positions.

Michael received a Bachelor of Science in Mechanical Engineering from Wayne State University in Detroit, MI.

COUNCIL MEMBER



DEL COSTY

Vice President, Automotive Transportation & Heavy Equipment
Siemens PLM Software

Del Costy is Vice President, Automotive Transportation and Heavy Equipment for Siemens PLM Software, a business unit of the Siemens Industry Automation Division. In his current role, Del is responsible for sales, sales support and services delivery for the enterprise accounts in the Automotive, Commercial Vehicle and Heavy Equipment industries.

Previously, Del had leadership responsibility for the North American Automotive business for Siemens PLM Software. In that role he was responsible for the sales, sales support and services delivery to customers in the Automotive Vertical in North America. These customers included Chrysler, JCI, AAM, Dana, DTNA, Delphi, and Visteon, to name a few. Prior to this role, Del held direct sales responsibility focused on the automotive sector. Focus areas included Visualization and Digital Manufacturing prior to expanding to the full PLM platform. He started with Siemens PLM Software in 2001.

Del began his career in the automotive industry for Abex Friction Products, now a division of Federal Mogul, as a Technical Sales Engineer. Following Abex, Del went to work for Engineering Services Group, a consulting firm specializing in manufacturing engineering. Del's focus was in the Lean Manufacturing practice.

Del has a Masters of Business Administration from Wayne State University and a Bachelors of Science, Engineering from Michigan State University.

COUNCIL MEMBER



DR. WILLARD CUTLER

Technology Director
Environmental Technologies
Corning Incorporated

Dr. Willard Cutler joined Corning in 1989, spending eight years in Research before joining Product Development. In 2001 he was appointed manager, Diesel Product Development, leading the successful product development of several technologies including the DuraTrap® AT filter product and Asymmetric Cell Technology. Cutler transferred to Corning GmbH in 2003, spending nearly four years in Europe helping to establish and build the European light-duty diesel business as European New Products manager and then as Applied Technology director.

In 2007, he was appointed business technology director, New Business Development with responsibilities for technology delivery for Corning's emerging businesses. In August 2009, after assisting with CET's consolidation and restructuring, he was appointed to his current role as technology director, Environmental Technologies with responsibilities for technology development and delivery.

Cutler holds a Ph.D. in Materials from the University of California, Santa Barbara and a bachelor's degree in Materials Science & Engineering from the University of Utah. He has been awarded 16 patents and has published a number of scientific papers.

COUNCIL MEMBER



DR. MIHAI DOROBANTU

Director, Technology Planning and Government Affairs
Eaton Vehicle Group

Dr. Mihai Dorobantu has been with Eaton since 2005 and is Director, Technology Planning and Government Affairs, in the Vehicle Group. His responsibilities spans the front end of the innovation process across Eaton's vehicle businesses, the development of advanced technologies and new product concepts, and interacting with government funding and regulatory agencies. In prior assignments he led the Vehicle Group's advance R&D team and before that, the Controls, Systems and Solutions department in Eaton's corporate Innovation Center.

Prior to Eaton, Dr. Dorobantu was a technology leader and member of the technical staff at United Technologies Research Center in the areas of controls and embedded systems, focusing on gas turbine and vapor compression systems. Before that he was member of the technical staff developing finite element simulation software with Comsol AB.

Dr. Dorobantu has a degree in Mathematics from the University of Bucharest and a PhD in applied mathematics from the Royal Institute of Technology and Stockholm University, Sweden.

COUNCIL MEMBER



MICHAEL DOSECK

Owner & Managing Director
daVinci Technology Group, Inc.

Mike Doseck is the owner and managing director of daVinci Technology Group, Inc. that was incorporated in 1998. He is a first generation college graduate with a BA from Morehead State University. Before starting daVinci he sold enterprise IT and engineering software applications, corporate data communications systems and embedded engineering services. daVinci performs business development for clients who provide advanced engineering products, services and tools. Embedded software, electronics, vehicle networking & communications and tools for analysis, simulation, design, development, test and verification are primary areas of expertise. daVinci has performed in the domains of medical devices, avionics, commercial vehicles and automotive. Mike has been an active member of the Society of Automotive Engineers (SAE) for twenty-nine years and has served on the Executive Council of SAE ComVec (Commercial Vehicles) for the past six years.

Mike, his wife and two dogs live in Fort Wayne, Indiana. His son was recently accepted into dental school and his daughter was recently pinned as an RN. He is an avid fisherman, shoots trap, skeet and sporting clays and sails a Hobie 16 catamaran.

COUNCIL MEMBER



DANIEL FUNCANNON

Vice President & General Manager, Mining Division
Komatsu America Corporation

Dan Funcannon is the Vice President and General manager of the Mining Division for Komatsu America Corp., Inc. He joined Komatsu in 1994 as a design engineer in the components and systems group—moving to the new product development area as Chief Engineer in 2000. In his current role, he is responsible for the sales and support of Komatsu Mining Products in North America, as well as Komatsu's 200 ton and larger mining trucks globally. Recent Komatsu development projects include a new 360 ton AC drive haul truck, applying autonomous technology to large mining trucks, and Komatsu's first AC drive trolley assist truck. His design team has also participated with GE Transportation in hybrid vehicle research for large mining trucks.

Dan received his BSME from Bradley University in Peoria, Illinois.

COUNCIL MEMBER



RAHUL GARG

Global Senior Director
Siemens PLM Software

Rahul Garg is the Global Senior Director responsible for defining and delivering the key strategic initiatives and solutions for the Industrial Machinery & Heavy Equipment industry and global business development.

He and his team are responsible for identifying key initiatives and developing solutions for the industry while working closely with industry leading customers and providing thought leadership on new and emerging issues faced by the machinery industry.

Prior to taking on this role, he was responsible for Industry marketing and delivering the Siemens PLM Software Corporate PLM vision and strategies to the global machinery industry, high tech electronics and automotive industry. Garg's experience and insight are derived from 25 year career delivering software-based solutions to product development process problems for the global manufacturing industry having worked closely with companies like Caterpillar, CNH, DMG Mori Seiki, Kapp O Niles, General Motors, Fiat Chrysler Automobiles and other Global industry leaders. He has had numerous successes in P&L management, technology leadership, operations, startups, business development, sales and services.

Garg has a Bachelor's degree Computer Engineering from Bombay University, India and a Master of Science Degree in Computer Science from Wayne State University, Michigan, USA. He is an avid cyclist and enjoys riding long distances. He and his wife, Seema, reside in Troy, Michigan with their two sons.

COUNCIL MEMBER



RICHARD HANOWSKI

Director Center For Truck & Bus Safety
Virginia Tech

Dr. Richard Hanowski is a Senior Research Scientist at the Virginia Tech Transportation Institute (VTTI) and serves as the Director of VTTI's Center for Truck and Bus Safety.

Dr. Hanowski has been involved in transportation human factors research since 1991, when he was a graduate student working at the National Center for Advanced Transportation Technology at the University of Idaho. His career has included an internship at General Motors and three years as a Research Scientist at Battelle in Seattle.

His experience includes transportation human factors with both heavy & light vehicles, laboratory & field testing, simulation, advanced system development & testing, naturalistic driving, design guideline development, and human performance evaluation. He is skilled in all phases of research including conceptual framing, research design, data collection/synthesis/analysis, assessment of results, and presentation of findings.

Dr. Hanowski has served the principal Investigator or Co-PI on over \$63 million of contract research. He is the Driver Impairment subject matter expert for the National Surface Transportation Safety Center for Excellence and is an expert on “distracted driving” and “driver fatigue”, particularly pertaining to commercial vehicle drivers. He was selected by the U.S. DOT to serve as one of six international experts on “distracted driving” to develop a definition, research agenda, and provide domain expertise.

His research has impacted national transportation policies such as truck driver hours of service and driver distraction/texting, and he is the author of more than 250 publications including journal articles, conference papers, book chapters, and technical reports. In 2011, he received SAE International's L. Ray Buckendale Lecture award.

Dr. Hanowski received his Ph.D. in Industrial and Systems Engineering in 2000 from Virginia Tech.

COUNCIL MEMBER



CRAIG HENRIKSEN

Business Development Manager
FEV North America, Inc.

Craig Henriksen is Business Development Manager for FEV North America, Inc. He is responsible for various customers and markets in the Commercial Vehicle / Equipment Industry. Henriksen works to maintain and develop new relationships with companies and organizations in those markets. He has more than 30 years of experience in the heavy duty diesel, commercial vehicle and equipment industries.

Before joining FEV in 2015, Henriksen was the Business Development Director for Commercial Vehicles at IAV Automotive Engineering. He worked as Business Manager for Global Recruiters Network, where he developed a new market segment in the heavy duty diesel, commercial vehicle and equipment industries. He worked as the Operations and Sales Manager for Cummins Bridgeway, in S.E. Michigan. While there, he was responsible for product service, parts and product sales, supported Transit Properties and OEM Dealers. He spent 4 years at Valley Power Systems in San Diego as Branch Manager and then as Director Power Generation Sales and MTU Brand Manager. Henriksen worked for 23 years at Detroit Diesel / MTU, where he worked in various positions in engineering, product management, and sales.

Craig is a member of SAE International and of the Association of Equipment Manufacturers (AEM).

He received a Bachelor of Science in Mechanical Engineering from the University of Michigan.

COUNCIL MEMBER



RICHARD HOLLOWAY

Product Line Leader, Harvesting
QPS Global Product Quality
CNH Industrial
Burr Ridge Headquarters

Richard Holloway is Product Line Leader – Harvesting, QPS Global Product Quality for CNH Industrial, responsible for the quality of harvesting products. Prior to assuming this position in 2014, he held a number of positions in Case New Holland's product development organization. Working on agricultural and construction equipment products, he has project experience in component and whole good design, as well as product platform management.

Richard holds a B.S. in Agricultural Engineering from the University of Wisconsin-Madison.

COUNCIL MEMBER



THOMAS HOWELL

Chief Engineer
AVL Powertrain Engineering, Inc.

Tom Howell joined AVL in August 2016 as a Chief Engineer where he is responsible for business development, technical leadership and delivery of powertrain design and development projects. Prior to AVL, Tom worked at Jacobs Vehicle Systems for 4 years as Director of New Technology leading Jacobs' efforts in developing new technologies which will serve the global market. Tom also spent 15 years at Ricardo in which he held various roles of increasing responsibility, with his final position being Chief Engineer, Engines. Tom received his Mechanical Engineering degree from the Imperial College, University of London.

COUNCIL MEMBER



HAORAN HU

Vice President and CTO
Weichai Power Co. LTD

Dr. Haoran Hu is the Vice President and Chief Technology Officer of Weichai Power Co., Ltd.

Weichai Power Co, Ltd., with headquarters located in Weifang, Shandong, China, is a publicly traded, diversified powertrain and industry equipment company with over 55,000 employees and 10 R&D Centers in Germany, France, Italy, United States, and China.

Prior to joining Weichai, Dr. Hu had been in engineering leadership positions at Eaton Corporation, Caterpillar Inc., Detroit Diesel Corporation, and Jacobs Vehicle Systems.

Dr. Hu holds an MS degree in mechanical engineering from Huazhong University of Science and Technology in Wuhan, China; an MBA degree from the Ohio State University; and a Doctor of Science degree in mechanical engineering from Massachusetts Institute of Technology.

Dr. Hu is a Fellow of SAE International, a Fellow of ASME, and a recipient of the SAE Arch T. Colwell Merit Award.

COUNCIL MEMBER



GREG HUSS

Global Director, OEM
Lubrizol Additives

Greg joined Lubrizol in 2000 as Chief Engineer and General Manager of the Americas OEM Group based in Detroit, MI. In 2003 he was assigned to Global Business Manager, Diagnostics at Lubrizol World Headquarters in Wickliffe, OH. In 2006 Greg joined Lubrizol's Driveline business unit as product manager for OEM businesses and service fill markets.

In 2009 Greg led the OEM businesses for Lubrizol Additives in Asia Pacific, India and the Middle East overseeing sub-regional teams responsible for product development, product implementation and product/portfolio management within the Driveline organization. Upon return from Shanghai, China in 2012, Greg Huss was appointed to Global Business Manager of the Driveline business unit within Lubrizol Additives. In 2015, Greg was promoted to Global Director of Lubrizol's OEM division.

Greg has a successful history of leading teams together with OEs to achieve significant results in all regions of the world. Under his guidance, the Lubrizol's Driveline organization has made significant strides in product development as well as building sustainable business relationships that have led to record growth.

Prior to joining Lubrizol Greg served as Vice President, Systems for GfG Dynamation. Greg Huss graduated from Mount Union College with concentrations in Economics and Marketing. Greg is married with 3 children.

COUNCIL MEMBER



MARK JENSEN

N.A. Product Line Director, Measurement and Calibration Tools
Vector CANtech Inc.

Mark Jensen is the North American Product Line Director for Measurement and Calibration Tools at Vector in Novi, Michigan. Mark is responsible for bringing the company's extensive vehicle E/E expertise to the North American ground vehicle market through Vector's solutions for calibration, data acquisition/analysis, and model-based development of control systems.

Mark has spent his entire career in the Detroit automotive industry and worked at all three Detroit OEMs before joining Vector in 2001. While at Ford, he was heavily involved in early model-based engine design efforts and helped introduce the first automated design optimization tools into the Ford powertrain organization. Moving to the electronics and manufacturing sides of the industry at Chrysler, Mark helped introduce the first OBD-II test equipment and vehicle end of line test systems. With Vector, Mark has stayed in the electronics arena and has managed many Vector products and engineering departments for diagnostics, embedded software, in-vehicle networks, E/E system design, and enterprise-level product data management solutions. He is currently responsible for the North American market for Vector's calibration and high-speed data interface products.

An active member of SAE, Mark has contributed to the development of global standards for vehicle networking, diagnostic protocols, ITS communications, has served on the SAE Service Technologies Board, has been an organizer for the SAE World Congress and currently sits on the SAE Commercial Vehicle Congress Executive Planning Council.

Mark was born in Highland Park, Michigan, and earned a degree in Computer Science from the University of Michigan. A lifelong resident of the Detroit area, Mark and his family have made their home in Huntington Woods, Michigan, for over twenty years.

COUNCIL MEMBER



WENSI JIN

Automotive Industry Manager
MathWorks

Wensi Jin is Automotive Industry Manager at MathWorks, responsible for strategic planning and technology rollout. His focus is to foster industry adoption of Model-Based Design and MathWorks tools. Prior to joining MathWorks, he worked on real-time simulation and hardware in-the-loop test systems, first as an applications engineer then as a business development manager. He also worked as a development engineer on automatic transmissions control systems at General Motors Powertrain.

Wensi holds a degree in Electrical Engineering from the University of Texas at Austin.

COUNCIL MEMBER



MICHELE KAISER

Program Manager, Backhoes
John Deere Construction and Forestry

Michele Kaiser is an industry professional in the field of Construction and Forestry equipment. She is currently employed by John Deere in Dubuque, Iowa as Program Manager for the backhoe business, responsible for developing the planning and coordination of activities for new product programs and product improvement projects. Prior to that role, she was the S350 engine series continuous improvement Engineering Manager, responsible for the rapid resolution of warranty issues on Tier 4 products in the field.

Before coming to John Deere, Michele worked as a team leader in the engine cooling product engineering group at Behr America. She worked at Behr for six years, including 3.5 years working in new product development and advanced engineering at the Behr global headquarters in Stuttgart Germany. The majority of Michele's time at Behr was focused on the development of new technologies in the field of cooled EGR, and their application to both compression ignition and spark ignited engines. She co-authored three SAE papers in the field of EGR cooling on spark ignited engines and EGR cooler fouling, and published one patent dealing with the use of ferrite materials on EGR coolers.

Prior to her experience at Behr, she worked in product engineering at Cummins, Inc, focused on cooled EGR applications for meeting EPA on-highway emissions regulations.

Michele holds a bachelor's degree in Mechanical Engineering Technology from the University of Dayton, and a Masters of Engineering in Professional Practice from the University of Wisconsin-Madison.

COUNCIL MEMBER



BLAKE KASHIWAGI

Director, Mechatronics Engineering
Daimler Trucks North America

In his current role, Blake leads development activities for electrical and electronics design for chassis, power train and power control systems for Daimler Trucks North America.

Blake joined the company in 2004 from Intel Corporation, where he was a manager for processor test system development. Since joining Daimler, he has held various positions of increasing responsibility including Senior Development Engineer for exterior lighting systems, Manager for door systems development and Senior Manager for Mechatronics verification and processes.

Blake is an active member in SAE International, a former Oregon SAE section chair and currently serves on SAE's membership board.

Blake received his Bachelor's degree in Mechanical Engineering from the University of Washington, a Master's degree in Mechanical Engineering from Portland State University and a Master's degree in Business Administration from the University of Oregon.

COUNCIL MEMBER



CHRIS MAYS

MSc C.Eng. M.I.Mech.E
Senior Technical Specialist,
Commercial Vehicle
Advanced Engineering
BorgWarner

Chris Mays is Senior Technical Specialist for Commercial Vehicle Advanced Engineering at BorgWarner where he leads advanced development activities for future technology in global heavy duty applications. BorgWarner is a global technology leader in powertrain solutions. We focus on developing leading powertrain technologies that improve fuel economy, emissions and performance.

Prior to joining BorgWarner in January 2013, Chris led and directed business development and technical project execution for diesel engine development projects at Ricardo for HD on and off highway and large engines. Before that Chris led diesel development programs at Ford in Europe and covered various roles including delivery of class leading engine combustion, performance and emission calibration programs, program management for clean-sheet engine design program and responsibility for emissions and performance related component systems. Earlier experience included Principal Engineer for vehicle development at Leyland DAF Vans having started his career at Leyland Trucks.

Chris was born and raised in the UK and received an honors degree in Mechanical Engineering from Southampton University and a Master of Science degree in Automotive Systems Engineering from Loughborough University. In addition to SAE membership, Chris is a Chartered Engineer (UK) and a Member of the Institution of Mechanical Engineers.

COUNCIL MEMBER



PHIL MCEWEN

Senior Sales Director
Continental Corporation

Phil McEwen is Sr. Sales Director & Key Account Executive, Commercial Vehicles & Aftermarket NAFTA Business Unit. McEwen is responsible for Vehicle Electronics and Telematics sales in North America.

Prior to joining Continental, McEwen was at Siemens VDO Automotive where he was a Key Account Manager for Commercial Vehicles accounts. Previous to this role, he was a Sales Manager, Special OEM Parts & Accessories. McEwen's work history also includes Delphi Automotive as Account Manager, Automotive Technical Resources (ATRI) as a National Accounts/ New Business Development, Urban Media Communications as Account Executive, Snap-on Diagnostics as Sr. Technical Specialist, and the US Army where he served as a Specialist in Vehicle/Watercraft Service during Desert Storm. McEwen grew up in the automotive and truck service industry working in his family business where he earned his ASE Master Mechanic License and Advanced Diagnostics certification.

McEwen earned his bachelor's degree from DeSales University in Center Valley, Pennsylvania and did extensive course work in Electrical Engineering/Automotive Technology at Temple University & Lehigh County Community College.

COUNCIL MEMBER



PAUL MENIG
CEO
Tech-I-M, LLC

Paul Menig was head of Electrical/Electronics, Brakes and Safety Systems at Daimler Trucks North America from 1994 to 2012. His responsibility encompassed Freightliner, Sterling, and Western Star brand vehicles and involved working globally to advance the Thomas Built, Detroit, Mercedes-Benz, Mitsubishi-Fuso and Bharat-Benz brands. Prior to that, he worked at Eaton Corporation from 1980-1994, leading the development of automated mechanical transmissions, collision warning radar, industrial automation equipment, semiconductor processing equipment and military systems for nuclear submarines and air traffic control. Paul started his career at General Electric working on computer communications systems, military guided missiles and life saving medical equipment from 1974 to 1980.

He continues to be active in the trucking industry as the chair of the Truck & Bus Electrical Committee, co-chair of the Technology & Maintenance Council Future Truck/Far Horizon effort, and a member of the National Research Council committees for truck fuel economy and review of the 21st Century Truck Partnership.

Paul currently consults to a variety of industries helping companies succeed by leveraging technology in their products and processes. His main premise is that savvy technology creates powerful results. He also is actively mentoring businesses of all types as a volunteer with SCORE (www.score.org).

COUNCIL MEMBER



KENT MEYERS
Global Director
Advanced Engineering Project Management
Volvo Construction Equipment NA Inc

Kent Meyers is Global Director Advanced Engineering Project Management at Volvo Construction Equipment. Based in Shippensburg, PA, Kent manages a portfolio of advanced technology projects for all Volvo Construction Equipment products. He joined VCE through the acquisition of Ingersoll-Rand Road Machinery and has been with the company for 19 years. Kent has held various positions in VCE: Chief Engineer for asphalt compaction, Project Manager, Global Technology Leader for Structures Group, Global Technology Leader for Mechanical Group, Project Engineer

He has a BS in Mechanical Engineering Technology for the University of Pittsburgh and MBA from the Frostburg State University. Kent is a Board member for a local manufacturing company and a vVolunteer for Habitat for Humanity.

COUNCIL MEMBER



CHRISTOPHER MORRIS

Business Unit Director, Commercial Vehicles
Delphi

Christopher J. Morris is Business Unit Director for Commercial Vehicles for Delphi Packard Electrical/Electronic Architecture. He has been in this position since July 2010.

He began his career with AC Spark Plug Division of GM in 1982. Through 1999, Morris' progressed through a series of positions in manufacturing, purchasing, product engineering, and program management. In 1999, Delphi separated from General Motors, and Morris was named manager of the European Engineering Center for Delphi in Bad Salzdetfurth, Germany. In January 2001, upon return to the US, he was named Sales Manager for GMNA for Delphi Electronics and Safety. In 2006, he was appointed Global Director of Sales for Delphi Electronics and Safety, where he continued until 2010.

Morris earned a bachelor's degree in mechanical engineering from Kettering University (formerly General Motors Institute) in 1982 and master's degree in business administration from the University of Michigan in 1987.

COUNCIL MEMBER



GREG MUHA

Commercial Vehicle
and Ground Defense Sector Lead
SAE International

Greg Muha is SAE International's Commercial Vehicle and Ground Defense Sector Lead. In this capacity he serves as the liaison to the on-highway, off-highway and ground defense industries to capture and synthesize customer needs and market intelligence to disseminate across the organization.

Prior to his current role, Greg has also worked in the Exhibits, Corporate Sales and Engineering Events Business Units at SAE International. Before joining the organization in 1998, Greg worked at Duquesne University as the Director of Alumni Relations. He also worked for the Catholic Diocese of Pittsburgh, The Pittsburgh Penguins Hockey Club, and the Pittsburgh Pirates Baseball Club.

Greg resides in Pittsburgh, Pennsylvania with his wife Pamela and their three children Corinne, Olivia and Preston. Greg earned a Bachelor's degree in Journalism from Duquesne University and a Master's of Science in Organizational Leadership from Geneva College.

COUNCIL MEMBER



DAVID RODGERS

Commercial Director
Ricardo, Inc.

Dave Rodgers is Commercial Director at Ricardo, Inc. His responsibilities include oversight of control system and OBD development for the Engines Business Unit and business development for engines and aftertreatment. Dave has spent the majority of his career working on controls algorithm design and development and vehicle system integration and holds nine US Patents. Dave holds a BSEE from Northern Illinois University and a Master of Engineering from the University of Wisconsin-Madison.

COUNCIL MEMBER



BRIAN ROUTHIER

Transportation Specialist
Federal Motor Carrier Safety Administration

Currently a Transportation Specialist with the Federal Motor Carrier Safety Administration, Analysis, Research and Technology Division with over 10 years of experience in government technical regulations, Brian was the lead technical writer and subject matter expert for the FMCSA's two distracted driving rules restricting texting and hand-held phone use.

Brian spent over 17 years as a project manager overseeing automobile part design and product development at Tier One suppliers working primarily on Ford Motor Company vehicles. He is named on 3 patents for development of new technologies while at Velcro USA, Inc.

Holds a BS in Mechanical Engineering from Clarkson University and an MS in Project Management from The George Washington University. Brian spends much of his spare time collecting and racing cars and teaching student defensive driving courses.

COUNCIL MEMBER



GARY W. SCHMIEDEL

Executive Vice President, Technology
Oshkosh Corporation (Retired)

Mr. Schmiedel has recently retired as the Executive Vice President of Technology for Oshkosh Corporation, a Fortune 400 company comprised of four segments including Access Equipment, Commercial, Oshkosh Defense and Fire & Emergency. Primary products for Oshkosh include scissor lifts, boom lifts, telehandlers, refuse collection bodies, ready mix concrete delivery vehicles, tactical wheeled vehicles including the MRAP-All Terrain Vehicle (MATV) and Joint Light Tactical Vehicle (JLTV), municipal fire apparatus, aircraft rescue and firefighting (ARFF) vehicles and snow removal vehicles for airport applications.

During Schmiedel's 33 years with Oshkosh Corporation, he has held various engineering positions of increasing responsibility, gaining experience in the commercial, municipal and military markets which the company serves. Schmiedel focused the engineering community on the four Engineering Priorities (Innovation Leadership, New Product Development Program Management, Competitiveness, and Quality and Launch) which complemented the Oshkosh Operating System (OOS) – a customer focused application of lean principles.

Schmiedel oversaw the development of Oshkosh's TerraMax™ unmanned ground vehicle efforts with the team being a finalist for all three DARPA Challenges. He also led the implementation of the TAK-4™ independent suspension systems and Command Zone™ electronic controls into numerous vehicle platforms. Following Oshkosh Corporation's acquisition of JLG Industries, Schmiedel led the integration efforts of the JLG and Oshkosh engineering teams. He played an instrumental role in the executive launch team for the fast paced MATV program. Oshkosh Defense recently won the JLTV competition under Schmiedel's technical leadership making Oshkosh the premier tactical wheeled vehicle supplier to the US Department of Defense.

Schmiedel is currently a member of the SAE Commercial Vehicle Executive Council. He has a bachelor's degree in mechanical engineering from Michigan Technological University in Houghton, Michigan. Schmiedel holds seven US patents and is a licensed professional engineer in the state of Wisconsin.

COUNCIL MEMBER



KELLY SCHMITZ

Director of Customer Engineering
Cummins Inc.

Kelly joined Cummins in 1999, working for the filtration division - now known as Cummins Filtration. He held many roles in Cummins Filtration in the US and in France, with specializations in air intake and crankcase ventilation filtration systems. He left Cummins Filtration as the Director of Air Technologies and the Off Highway OEM Business. He holds 16 patents in engine filtration technologies.

In 2011, Kelly moved to Columbus, IN to lead Customer Engineering organizations in the Cummins engine business. In his current role, he is responsible for the application, design, and optimization of powertrain systems in OEM vehicles for the global On Highway markets.

He is also active in STEM education, serving as President of a non-profit organization - Health and Science Innovations (HSI). HSI provides inspiring STEM innovation opportunities to young students in Indiana, with focus on providing disadvantaged youth a path to STEM careers.

Kelly has a Bachelor of Science in Mechanical Engineering and Masters of Business Administration, both from the University of Wisconsin-Madison.

COUNCIL MEMBER



STEPHEN G. SEARS

Chief Strategic Officer
Sears Manufacturing Company

Stephen Sears is Chief Strategic Officer of Sears Manufacturing Company with responsibility for strategic planning, innovation, R&D, and M&A activity. Prior to assuming his current duties in 2008, Stephen was President of Sears Manufacturing Company's Truck Seat Division from 2000 to 2008 and held various sales, marketing and management positions within the company including a two year sales and marketing assignment at Sears Europe in the United Kingdom. He is part of the fifth generation of Sears Family leadership.

Stephen has been a member of SAE since 1994, and has been a member of the Commercial Vehicle Executive Planning Council since 2006.

Stephen received a degree in economics from University of St. Thomas in St. Paul, Minnesota, and resides in Davenport, Iowa with his wife and four children, where he is active in community and industry nonprofit organizations.

COUNCIL MEMBER



DAVID SHUSHEREBA

Director of Product Development,
Engineering, Quality and Technical Services
DENSO

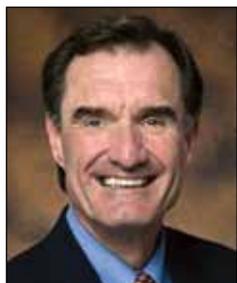
David Shushereba is the Director of Product Development, Engineering, Quality and Technical Services for DENSO. In his role, Shushereba directs the Product Management, Engineering, Quality and Technical Services departments responsible for quality assurance of all automotive, heavy duty, aftermarket and original equipment service parts.

Prior to joining DENSO, Dave was Director of Research, Development and Engineering for K & N Engineering, where he was responsible for the design and testing of all current and new products, both domestic and international.

Dave has more than 33 years of experience in the aerospace and automotive industries. He spent the majority of his career designing, analyzing and fabricating research and flight hardware for all of the major airframe companies, the National Aeronautical and Space Agency (NASA) and the U.S. Department of Defense.

Dave holds a bachelor's degree in Mechanical Engineering from the Milwaukee School of Engineering, in Milwaukee, Wisc., a Master's degree in Management Science from the University of Dayton in Dayton, Ohio, and an Executive MBA from Chapman University in Orange, Calif.

COUNCIL MEMBER



MARK SMITH

Vehicle Technologies Deployment Manager
U.S. Department of Energy

Mark Smith is the vehicle technologies deployment manager for the Department of Energy's (DOE) national Clean Cities program. His responsibilities include developing outreach strategies for implementing new national partnerships between industry and the Clean Cities program to successfully deploy new vehicle technologies. Smith also works with the regional managers and individual Clean Cities coalitions to implement deployment strategies at the regional and local levels. In addition, he develops and maintains relationships with key stakeholders—including vehicle manufacturers, fuel suppliers, educational institutions, environmental groups, nonprofit associations, government agencies, and other related organizations—to expand the use of alternative fuels and advanced vehicle technologies.

Before joining DOE, Smith was an alternative fuel vehicle consultant to American Honda. In this position, he promoted the use of Honda's alternative fuel vehicles to public and private fleet managers and implemented programs to increase deployment of these vehicles. Smith also understands that alternative fuel vehicle deployment hinges upon the development of refueling infrastructure. From his previous positions with FuelMaker and Clean Energy, he has provided alternative refueling solutions ranging from home refueling of a single vehicle to some of the largest commercial, airport, and transit fueling stations in the United States.

COUNCIL MEMBER



DR. SRI SRINATH

Executive Director
CGN & Associates

Sri is currently an Executive Director in CGN & Associates, a global consulting firm with Strategic, Industrial and Digital Transformation practices serving Industrial Manufacturing & Automotive, Consumer Products & Retail, and Insurance, Finance & other Services.

Sri joined CGN after twenty-nine years of diverse assignments and progressively increasing responsibilities at Caterpillar, Inc. His experiences include technical, new product development, product quality and customer support roles in fuel systems, engines & machines; executive development & succession planning; Six Sigma implementation & enterprise transformation; enterprise strategy development and execution; and profit & loss accountability for a multibillion-dollar global machine portfolio business.

Sri holds a bachelor's degree in Mechanical Engineering from the Indian Institute of Technology in Madras and a Ph.D. in Aerospace Engineering from The University of Michigan.

Sri currently serves a four-year term on the SAE Finance Committee following a three-year term on the SAE Board; he is also a member of the SAE COMVEC executive committee. He is a member of the Industrial Advisory Committee for the Department of Aerospace Engineering at The University of Michigan.

COUNCIL EXECUTIVE CHAIRMAN



DR. PHIL STEPHENSON

General Manager
PACCAR Technical Center

Dr. Philip Stephenson is General Manager, PACCAR Technical Center. He has held this position since 2012.

Prior to his current position, Dr. Stephenson was Vice President, Exide Technologies. Before joining PACCAR, he worked as Director of Product Development and Engineering with A123 Energy Systems where he led engineering teams in the US and Germany. Dr. Stephenson was also Chief Engineer for product development and validation at Behr and was instrumental in the expansion of Behr's test facilities to support their North American automotive business.

At the PACCAR Technical Center, Dr. Stephenson leads teams responsible for product validation of Peterbilt and Kenworth trucks and for development, calibration and testing of PACCAR Engines for North America.

Dr. Stephenson earned a Bachelor of Science in Molecular Biology and a PhD in Mechanical Engineering from the University of Wisconsin and a Master of Science in Mechanical Engineering from Arizona State University.

COUNCIL MEMBER



DAVID STOUT

Principal
David B. Stout Associates

Mr. Stout has served as a Director of SAE International and is on the leadership team of the SAE Detroit Section where he has organized numerous technical workshops. He also serves on the SAE Publications Operating Board and the SAE Commercial Vehicle Executive Council. He is a founder of an annual SAE/ MIT Automotive Innovation Competition, the 6th year finals having been held at the 2014 SAE Congress. David consults for high technology companies, mostly European, in the business development and strategic assessment arena. He is also a founder and investor in the battery enhancement start-up, LogiCoul Solutions. He is EVP, Business Development for that company.

Previously David held leadership positions at Corning, both in North America and in Europe, in its electronics and fiber optic communications businesses. More recently he has been president of TEMIC Automotive, an automotive electronics division of Daimler Benz and VP, Americas for WABCO Vehicle Control Systems.

Mr. Stout has his undergraduate degree from Cornell University where he rowed on a national champion lightweight rowing team, went to grad school at University of Michigan prior to be drafted during the Vietnam era, and received an MBA from University of Chicago in International Business and Finance.

COUNCIL MEMBER



TIM SUDER

Director – New Product Development,
Powertrain Engineering
Volvo Group Truck Technology

Tim began his career at Mack Trucks, Inc. more than 25 years ago doing performance and emissions development on new engine technologies. He became part of the Volvo Group in 2000 as Director of Performance, Emissions & Engine Laboratory developments. In 2003, Suder became Director of Combustion Systems & U.S. Concept Engines before becoming responsible for his current position as Director of Powertrain New Product Developments in North America in 2010. His current position responsibilities include new product development of complete powertrain offerings of engine, transmission and axles for the Volvo Group in North America.

Suder holds a Bachelor of Science in Mechanical Engineering from The Pennsylvania State University and currently holds eight U.S. patents. In Tim's spare time, he enjoys some stress free activities on his beef farm, golfing, watching college football and spending time with family.

COUNCIL MEMBER



STEPHAN A. TARNUTZER

Vice President, Electronics
FEV North America, Inc.

Stephan A. Tarnutzer is Vice President, Electronics at FEV North America, Inc. Mr. Tarnutzer also holds a parallel position as CEO of DGE Inc., a subsidiary of FEV North America, Inc. that functions as a Tier 1 automotive electronics supplier. Mr. Tarnutzer began his career in 1998 after completing his studies at Indiana Wesleyan University. Prior to joining DGE, Mr. Tarnutzer held positions with Siemens Europe and DaimlerChrysler, where he developed expertise in the areas of electronic control systems and test equipment.

Prior to FEV's acquisition of DGE, Mr. Tarnutzer successfully positioned DGE from a very specialized automotive OEM supplier to full-service electronics engineering, production, and consulting firm. Today, FEV (and DGE) supplies products and services not only for the OEMs but also the automotive aftermarket. Under Mr. Tarnutzer's technical guidance, the electronics group has become a pioneer in a diverse grouping of automotive electronic fields such as OEM and aftermarket electronic control modules, Hybrid, Electric, and Battery systems, automated test systems, and Connected Vehicle related design and test services.

He has a diverse educational background including a post-MBA degree from Northwestern University's Kellogg School of Management, an MBA in finance, and a BA in economics and management, which complement an undergraduate degree in electrical engineering from the Technical University of Zurich that was completed in 1994. Mr. Tarnutzer speaks fluent German and French.

COUNCIL MEMBER



DUANE TIEDE

CEO
ATI Inc.

Mr. Tiede worked in the Commercial Vehicle industry his entire career including 21 years at Deere and Company and 13 years with Case Corporation. In 2000 he retired from CNH Global and provided consulting services to several companies before serving as SAE President in 2004. Early in 2005 Mr. Tiede joined ATI as CEO.

Mr. Tiede has been active in SAE throughout his career serving on various boards and committees including Off Highway Meeting Committees, the Technical Standards Board, twice on the Board of Directors and Strategic Planning Committee, the Finance Committee and Chairman of the Executive Nominating Committee.

In 2012, Mr. Tiede was selected as the recipient of the SAE International Medal of Honor. The society's highest honor, this award recognizes a living SAE member for unique and significant contributions to SAE which strengthen or add to SAE's ability to further its purpose.

COUNCIL MEMBER



DR. PETER WAEFTERMANN

President
dSPACE Inc

Dr. Peter Waeltermann has a Master's degree (Dipl.-Ing.) in Mechanical Engineering/ Mechatronics and a Dr.-Ing. (Ph.D.) degree from the University of Paderborn, Germany.

He worked with dSPACE GmbH in Paderborn, Germany, since 1999, where he held different management positions in the area of hardware-in-the-loop (HIL) simulation and global project engineering. In the summer of 2014, he moved to dSPACE Inc. (USA) to take over a position as Business Director.

In Oct. 2014, Peter became the President of dSPACE Inc., responsible for the dSPACE business in the US, Canada and some customers in Mexico.

COUNCIL MEMBER



BRIAN WALKER

Director of Business Development
AVL Powertrain Engineering Inc.

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Brian Walker is the Director of Business Development for the heavy-vehicle and off-highway industries for AVL Powertrain Engineering, Inc. AVL is the world's largest privately owned and independent company for the development of gasoline, diesel and alternative fuel powertrain systems, as well as fuel cell and hybrid technologies. The company offers combined solutions of powertrain engineering, simulation software and testing and instrumentation systems. Walker works closely with commercial vehicle OEMs, engine manufacturers and key suppliers to commercial vehicle and off highway industry.

Walker, a 34 year veteran of the diesel engine and commercial vehicle industry, brings a broad vehicle perspective to AVL. Previously, at Hendrickson International he was responsible for the Navistar account. Hendrickson International is a leading provider of suspension systems and components to the heavy-vehicle industry.

Prior to this, he worked at Mercury Marine and held various positions related to the diesel engine programs both in Stillwater, Oklahoma, and in Verviers, Belgium, Mercury European headquarters. During his time in Europe, Walker received his Master of Business Administration degree from the International Management Institute in Antwerp, Belgium.

In 1985 he joined Mack Truck in Hagerstown, Maryland, where he was a member of the Mack E7 diesel engine launch team. Walker started his career at United Technologies Diesel Systems in 1982 after graduating from Worcester Polytechnic Institute with a Bachelors of Science degree in mechanical engineering.

COUNCIL MEMBER



DR. HANS WELFERS

Senior VP
MAN Truck & Bus AG

Dr. Welfers has 28 years of industrial experience in the Engineering of Automotive EE Systems including chassis control systems, driver information and entertainment systems, driver assistant systems and telematics solutions for heavy commercial vehicles.

Since January 2007 he has lead the EE System Engineering Office of MAN Truck & Bus in Munich / Germany. Before 2007 Hans has held several management positions in Electrical Engineering at Ford of Germany including a 2-year assignment at the Engineering Center of Ford Motor Company in Dearborn/Mi.

Hans has a PhD from the Department of Automotive Engineering of the Technical University of Aachen (RWTH Aachen). At the same university he finished his studies of Automotive Engineering with an engineering degree in 1979.

COUNCIL MEMBER



GRAHAM B. WELLER

Vice President, MCT
Horiba Automotive Test Systems Corp

Graham Weller is the Vice President of Mechatronics for Horiba Automotive Test Systems. In this role he provides both day to day and strategic direction for the North American business operations covering the development, build, installation and support of Engine and Chassis dyno, brake test and E-motor test systems. Graham joined Horiba in early 2016 bringing his 35 years of powertrain industry experience. Prior to his current role, Graham was the Director of Powertrain - North America for PACCAR where he led the development and validation of powertrain products for application in Kenworth and Peterbilt trucks. His previous positions have included Director of Advanced Powertrain Technologies with Navistar and multiple roles with Ricardo, the independent automotive engineering consultant. As a Vice President at the North American subsidiary of Ricardo, he was responsible for engineering projects in the heavy duty markets conducted for North American clients. Graham transferred to the US from his native United Kingdom in 1997 while with Ricardo. Graham's early career in the UK was split between Ricardo and a 6 year spell working for the Research and Technology Division of British Gas where his work focused on the development of natural gas fueled internal combustion engines, including a first entry into the natural gas vehicle market.

Graham earned a Bachelor of Science degree in Mechanical Engineering from the University of Leeds in England and a Master's degree in Business Administration from the University of Warwick in Coventry, England.

COUNCIL MEMBER



DAN WILLIAMS

Chief Engineer
ZF TRW

Dan Williams has worked for nearly 30 years in engineering and planning positions of increasing responsibility in passenger car suspension and commercial vehicle steering business units. He began working for a joint venture between Moog and Lotus to develop passenger car active suspension systems. That business was purchased by TRW, and Dan has managed the development and launch of chassis control systems in North America and Europe. TRW was recently purchased by ZF, and Dan is currently Chief Engineer of Advanced Engineering for ZF TRW Global Commercial Steering Systems in Lafayette, IN. He has published over 80 papers and patents on various vehicle control systems, and is a Visiting Assistant Professor at Purdue University teaching vehicle dynamics.

Dan received the B.S. (1985) and M.S. (1987) degrees in engineering from the University of Illinois; his thesis topic was optimal control of racing vehicles. He received the M.B.A. (1990) degree from the Florida Institute of Technology and then received his Ph.D. (1995) in Mechanical Engineering from Florida Tech. His dissertation compared practical and theoretically optimal active automotive suspension systems. He later completed his M.A. (2008) in History from Purdue University writing a thesis on the effect of the Morrill Act on Engineering.

He is a registered Professional Engineer and a member of Tau Beta Pi, Phi Kappa Phi, the American Society of Mechanical Engineers, and FarmHouse Fraternity. Dan is past chair of the SAE committee developing standards for active safety systems and the braking and steering technical committee, and currently sits on the SAE Truck and Bus Council and is the ComVec Activity Vice-Chairman. He received the SAE Lloyd L. Withrow Distinguished Speaker Award and the Florida Tech Outstanding Alumni Achievement Award. Dan delivered the 2012 SAE Buckendale Lecture on "Multi-Axle Vehicle Dynamics," and the 2016 ASME Milliken Lecture on "Active Suspension."

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FUTURE COMVEC EVENTS

SAE 2018 COMMERCIAL VEHICLE ENGINEERING CONGRESS

September 11-13, 2018
Crowne Plaza Chicago O'Hare, Rosemont, Illinois

SAE 2019 COMMERCIAL VEHICLE ENGINEERING CONGRESS

September 10-12, 2019
Crowne Plaza Chicago O'Hare, Rosemont, Illinois

SAE 2020 COMMERCIAL VEHICLE ENGINEERING CONGRESS

September 15-17, 2020
Crowne Plaza Chicago O'Hare, Rosemont, Illinois

SAE INTERNATIONAL EVENTS

2017

SAE 2017 SAE Connect2Car at CES

January 5, 2017
Las Vegas, NV

Symposium on International Automotive Technology 2017

January 18-21, 2017
Pune, India

SAE 2017 Light Duty Emissions Control Symposium

January 23-24, 2017
Washington, District of Columbia, USA

SAE 2017 Government/Industry Meeting

January 25-27, 2017
Washington, District of Columbia, USA

SAE 2017 Hybrid and Electric Vehicle Technologies Symposium

February 7-9, 2017
San Diego-Mission Valley, California, USA

SAE 2017 On-Board Diagnostics Symposium - Europe

February 27-March 1, 2017
Torino, Italy

SAE 2017 Additive Manufacturing Symposium

March 14-15, 2017
Knoxville, Tennessee, USA

SAE 2017 High Efficiency IC Engine Symposium

April 2-3, 2017
Detroit, Michigan, USA

WCX17: SAE World Congress Experience

April 4-6, 2017
Detroit, Michigan, USA

SAE Convergence*

June 4-7, 2017
San Jose, California, USA

SAE 2017 Noise and Vibration Conference and Exhibition

June 12-15, 2017
Grand Rapids, Michigan, USA

SAE 2017 North American International Powertrain Conference

September 13-15, 2017
Chicago, Illinois, USA

SAE 2017 Commercial Vehicle Engineering Congress

September 18-20, 2017
Rosemont, Illinois, USA

SAE Brake Colloquium & Exhibition - 35th Annual

September 24-27, 2017
Orlando, Florida, USA

SAE 2017 On-Board Diagnostics Symposium

September 26-28, 2017
Garden Grove (Anaheim), California, USA

SAE 2017 AeroTech Conference & Exhibition

September 26-28, 2017
Fort Worth, Texas, USA

SAE 2017 Thermal Management Systems Symposium

October 10-12, 2017
Plymouth, Michigan, USA

SAE 2017 International Powertrains, Fuels & Lubricants Meeting

October 15-19, 2017
Beijing, China

For an updated listing of events, dates and locations, please refer to sae.org/events/

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