



Newly-added

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Webinar Series

February 15, 2023 | 11 a.m. EDT

Meet the Expert: Dr. Saulius Pavalkis, MBSE Ecosystem Transformation Leader, MBSE R&D Cyber Portfolio Manager, INCOSE CAB Representative, CSE Board of Advisors the University of Texas at Arlington

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- SAE's AeroTech Event
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- Digital Engineering
- System Architecture and Simulation

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Aerospace Standards & Aerospace Material Specifications

Aerospace Standards and Aerospace Materials Specifications [46]

- [CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE \(FOR MIL-C-81511 SERIES 2 CONNECTORS\)](#)
- [Interline Air Cargo Pallets](#)
- [Wiring Aerospace Vehicle](#)
- [Steel, Corrosion- and Heat-Resistant, Welding Wire 29Cr - 9.5Ni](#)
- [Chemical Check Analysis Limits Wrought Low-Alloy and Carbon Steels](#)
- [Silver Alloy, Brazing Filler Metal 56Ag - 22Cu - 17Zn - 5.0Sn 1145 to 1205 °F \(618 to 652 °C\) Solidus-Liquidus Range](#)

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Ground Vehicle Standards

Ground Vehicle Standards [25]

- [Standard for Fuel Systems in Fuel Cell and Other Hydrogen Vehicles](#)
- [Active Safety Pedestrian Test Mannequin Recommendation](#)
- [Brake System Rating Test Code - Commercial Vehicles](#)

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Technical Papers

Technical Papers [8]

- [Effect of Al₂TiO₅ Particulates on the Microstructural and Mechanical Characteristics of AA5052 Composites](#)
- [Comprehensive Mathematical Model for the Prediction of Delamination Factor in Drilling of Multimaterial Stacks Using Box-behnken Experimental Design](#)
- [Comparative Study of a Manual and Voice-Assisted Collaborative Robot Workforce in Production Assembly Lines](#)
- [Investigation on Li-ion Battery Pack Topologies for Optimum Thermal Management of Electric Vehicles](#)
- [Research on the Development Path and Policy Recommendations of Vehicle Infrastructure Cooperation](#)

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[SAE MobilityRxiv®](#)

This **free online archive and sharing service** provides English-language preprints in the mobility/transportation field, including ground vehicles, commercial vehicles, and aerospace and aviation.

- [Personnel Licensing to Enable Uncrewed Operations above FL600](#)

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Journal Articles

Journal Articles [15]

- [Enabling Cross-Domain Modeling of Complex Autonomous Vehicles in System-of-Systems Architectures: A Model-Based System Specification for the Development of Complex Automotive Architectures](#)
- [Accidents Associated with the Spatial Distribution of Black Spots in the Region of Dammam Metropolitan Area, Saudi Arabia](#)
- [Numerical Study of Hydrogen Releases and Explosions in a Skid-Mounted Hydrogen Refueling Station](#)
- [Path Following of Autonomous Vehicles with an Optimized Brain Emotional Learning-Based Intelligent Controller](#)
- [Investigation on the Aerodynamic Performance of Different Aerofoils Using Vortex Generators](#)

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EDGE Research Reports

EDGE Research Reports [2]

- [Decarbonized Power Options for Non-road Mobile Machinery](#)
- [Electric Charging Intended Functionality, Availability, and Equity Inclusion](#)

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Professional Development

[DO-326A and ED-202A: An Introduction to the New and Mandatory Aviation Cyber-Security Essentials C1949](#)

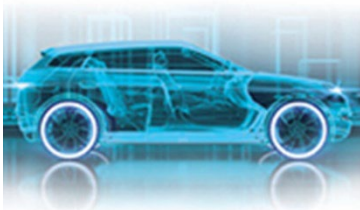
This two-day seminar will introduce attendees to industry best practices for real-world aviation cyber-security risk-assessment, development & assurance.

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Book Spotlight

SAE



SAE International's
**Dictionary
for Automotive
Engineers**

John F. Kershaw

[SAE International's Dictionary for Automotive Engineers](#)

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SAE International's Dictionary for Automotive Engineers provides clearly written, easy-to-understand definitions for over 1,800 terms used in automotive engineering worldwide.

[Read It!](#)



SAE
**Basic Science
and Art of
Aircraft Wreckage
Reconstruction**

Donald F. Knutson

[Basic Science and Art of Aircraft Wreckage Reconstruction](#)

Donald Knutson

SAE International's Dictionary for Automotive Engineers provides clearly written, easy-to-understand definitions for over 1,800 terms used in automotive engineering worldwide.

[Read It!](#)



Events

[Accident Reconstruction Digital Summit](#)

March 1-2, 2023 | Online

This free online event will serve as your single source destination for the newest and most critical technological advances in accident reconstruction.

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[SAE's AeroTech](#)

March 14-16, 2023 | Fort Worth, TX

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- [Engineers Week 2023 - Creating the Future](#) – What challenges and problems is the mobility industry currently facing? How is the industry workfind, connect, and share experiences with mentors and mentees locally or from around the worlding to address these challenges? (log into [Connexion+](#) with your [mySAE login](#))
- [SAE Mentor Program](#): Find, connect, and share experiences with mentors and mentees locally or from around the world within the mobility industry.

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