



Newly-added

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Webinar Series

August 17th, 2022 | 11 a.m. EDT

Meet the Authors: Joan Willis | Executive Director of Electronics, Cummins Inc. & Karen Ramsey-Idem | Director, Global Technical Resource Planning & Mgmt.

Log in for a **LIVE** interview to learn more about:

- Insights from Women Leading the Commercial Vehicle Industry
- Unique Experiences of Women within the Commercial Vehicle Industry
- Thriving in Leadership Roles

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Vote on the 2023 Guest Speaker Topics!

We want to hear from you! Let us know what topics, types of speakers, and industries you'd like to see a focus on for next year – [CLICK HERE](#)

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Ongoing Learning Opportunities

SAE Mobilus Spotlight

Join us for a customized SAE Mobilus training session hosted by SAE Onboarding & Implementation Specialist, Wendy Ogletree-Robinson on **August 30, 2022 at 900am & 1100am EDT.**

LEARN:

- How to Access Counter 5 Reports
- What's Available in Counter 5 Reports
- How to Differentiate Counter 5 & Counter 4 Reports

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Aerospace Standards & Aerospace Material Specifications

[NEW 2022 Aerospace Standards Industry Newsletter](#)

- [Standard Test Criteria for Aircraft Refuelers](#)
- [Arresting Hook Installation, Land-Based Aircraft](#)
- [Sealing of Integral Fuel Tanks](#)

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Ground Vehicle Standards

[NEW 2022 Ground Vehicle Standards Industry Newsletter](#)

- [Snowmobile Probe Test for Contact with Power Driven Parts](#)
- [Accelerator Pedal Position Sensor for Use with Electronic Controls in Medium- and Heavy-Duty Vehicle Applications—Truck and Bus](#)
- [Brake Adjustment Limit for Air Brake Actuators](#)

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Technical Papers

[Experimental Evaluation and Reduction of Timing Gear-Induced Rattle Noise in a High-Powered Agricultural Tractor](#)

- [Event-Triggered Adaptive Robust Control for Lateral Stability of Steer-by-Wire Vehicles with Abrupt Nonlinear Faults](#)

2022 Top Downloaded Technical Papers

- [Review of Vehicle Engine Efficiency and Emissions](#)
- [Predictive Energy Management for Dual Motor-Driven Electric Vehicles](#)
- [Experimental and Numerical Investigation on Hydrogen Internal Combustion Engine](#)
- [H2-ICE Technology Options of the Present and the Near Future](#)
- [High Efficiency HD Hydrogen Combustion Engines: Improvement Potentials for Future Regulations](#)

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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

- [Optimum Response of a Nonlinear Passive Vehicle Suspension System under Random Road Excitations](#)
- [Stochastic Reachable Set Threat Assessment for Autonomous Vehicles Using Trust-Based Driver Behavior Prediction](#)

2022 Top Downloaded Journal Articles

- [Review of Vehicle Engine Efficiency and Emission](#)

- [Euro VII and Beyond with Hydrogen Combustion for Commercial Vehicle Applications: From Concept to Series Development](#)
- [A Data-Driven Greenhouse Gas Emission Rate Analysis for Vehicle Comparisons](#)
- [Universal Electric Vehicle Thermal Management System](#)
- [An Experimental Study of Turbocharged Hydrogen Fuelled Internal Combustion Engine](#)

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EDGE Research Reports

Emerging Technologies in New Mobility

- [Infrastructure Enablers and Automated Vehicles: Trucking](#)
- [Legal Issues Facing Automated Vehicles, Facial Recognition, and Privacy Rights](#)

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Professional Development

[Strategic Leadership | C0620](#)

This three-day course is designed to impart simple, but powerful lessons that will equip participants to more fully engage in strategic discussions, ask pertinent questions, facilitate critical decisions and shape high performing organizations.

[Learn More](#)

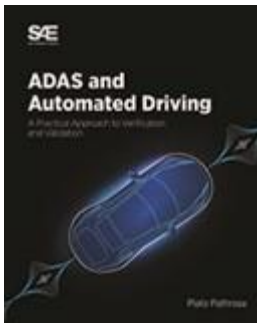


Book Spotlight



In this book, Joan Willis and Karen Ramsey-Idem bring together diverse, talented women across the commercial vehicle industry to share their unique experiences including the habits, motivations, triumphs, defeats, and lessons learned that helped each thrive in her leadership roles.

[Read It!](#)



In ADAS and Automated Driving, Plato Pathrose focuses on how automated driving systems (ADS) can be developed from concept to a product on the market for widescale public use by providing an overview of the various ADAS and ADS currently being developed and installed in vehicles.

[Read It!](#)



Events

[Transform the Future of Innovation](#)

COMVEC 2022 Returns to Indianapolis | September 20-22, 2022

Connect with engineering professionals to network, hear keynotes and participate in panel discussions on the most important topics impacting the industry.

[Driving the Future of Hybrid and Electric Vehicle Innovation](#)

Hybrid and EV Technologies Symposium, Garden Grove, California | September 13-15, 2022

Join your colleagues in the nation's hub of vehicle engineering development and help move EV technology forward.

[Learn More](#)



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- [SAE Mentor Program](#): Sign up as mentor and/or mentee and connect with other SAE Members
- Save the Dates 9/26 & 9/27: Special [Mentor Chat: The Importance of Mentoring](#) with Srinivasa (Sri) Srinath, President and Board Chair, SAE International

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