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**SAE Solutions**

- Aerospace Standards (55)
- Aerospace Material Specifications (43)
- Ground Vehicle Standards (24)
- Technical Papers (48)
- Journal Articles (17)
- EDGE Research Reports (2)
- Book (8)
- Magazine Articles (1)

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- Move with SAE Mobilus Webinar Series
- Professional Development
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- Membership & Community Engagement
- SAE MobilityRxiv®

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June 15, 2022 | 11 a.m. EDT

Meet the Authors: Women Driven Mobility: Rethinking the Way the World Moves, featuring Katelyn Shelby Davis and Kristin Shaw

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

- Creating Accessible AV Transportation
- Equity and Inclusion Across the Mobility Industry
- Impact of Diverse Perspectives on Projects

New to the Movement? **Learn More**

**View the Past Guest Speaker Collection**

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**Ongoing Learning Opportunities | SAE Mobilus Spotlight**

Join SAE International’s Onboarding & Implementation Specialist, Wendy Ogletree-Robinson, for a spotlight on Mobilus on the last Tuesday of each month | 11 a.m. EDT to learn more about specific features of Mobilus. **Register Here**.

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**Aerospace Standards & Aerospace Material Specifications**

- [Aircraft Seat Design Guidance and Clarifications – ARP5226F](#)
- [Landing Gear Manufacturing, Maintenance, Repair, and Overhaul Critical Processes – AIR6813](#)
- [Passenger Access Means Docking Indicator for Cabin Crew – AS7995](#)
- [Dimensional Life of Heat-Shrinkable Sleeve – AIR7930](#)
- [Data Matrix Quality Requirements for Parts Marking – AS9132B](#)
Ground Vehicle Standards

- SAE Fuel Consumption Test Procedure (Engineering Method) - J1526_202205
- Data Link Layer - J1939/21_202205
- Automotive Gear Lubricants for Commercial and Military Use – J2360_202205
- Recommended Practice for Filter Weighing of Particulate Matter Emissions – J2943_202205

Technical Papers

- Artificial Intelligence in Air Cargo System
- Smart Manufacturing with Augmented Reality
- PHM System with Comprehensive Data Analytics to Provide Localized Reasoning for a Failure Prediction

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.

- Analysis of the safety of air transport passengers over the ocean
Multi-part Analysis and Techniques for Air Traffic Speech Recognition
Predictive Modeling of Aircraft Dynamics Using Neural Networks

Emerging Technologies in New Mobility
Automated Vehicles and Infrastructure Enablers: Pavement Markings and Signs
The Right Level of Automation for Industry 4.0

General Management and Leadership Certification
This Certificate Program focuses on four core management and leadership competencies: management capability, team leadership, project management, and finance.
Women Driven Mobility: Rethinking the Way the World Moves
Kately Shelby Davis and Kristin Shaw

Authors, Davis & Shaw present over 40 case studies of women leading the way in mobility and automotive innovation. Through interviews with leaders across the entire spectrum of industry, readers see the impact of diverse perspectives on actual projects all over the world. Meet the Authors!

Top 2022 Downloaded Book Titles

- Fundamentals of Vehicle Dynamics, Revised Edition
- Fundamentals of Connected and Automated Vehicles
- Automotive Cybersecurity: An Introduction to ISO/SAE 21434
- Racing Toward Zero: The Untold Story of Driving Green
- Noise, Vibration and Harshness of Electric and Hybrid Vehicles

Events

Hybrid and EV Symposium
September 13-15, 2022 | Garden Grove, California
Enjoy access to discounted technical resources, career advancement tools, networking opportunities and more as an SAE Member and Volunteer. (Not a member? Join Us!)

Here are the latest happenings and benefits:

- Mentor Chat: Career Advancement, June 21-22 in Member Connection.
- SAE 2022 Volunteer Recognition Month – Celebrating SAE Volunteers during all of June.

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