



## Newly-added

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The following is a summary of all publications added to the SAE Mobilus technical resource platform in February 2022. Click below and the SAE Mobilus search results for the content type selected will populate.

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- [Aerospace Standards](#) (23)
- [Aerospace Material Specifications](#) (17)
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### Additional SAE Solutions

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- [SAE MobilityRxiv®](#)

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## Webinar Series

March 16, 2022 | 11 a.m. EDT

**Meet an Expert: ISO/SAE 21434 Road Vehicles –Cybersecurity Engineering Committee Co-Chair**, featuring Lisa Boran, Co-Chair of the SAE Vehicle Cybersecurity Systems Engineering Committee

This **LIVE interview** will provide some insights into what this standard helps solve, how to apply it, and additional resources, such as [Professional Development courses on Managing Cybersecurity Risks](#), [Books](#), and [Technical Research Papers](#).

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## Aerospace Standards & Aerospace Material Specifications

- [Standard Practice for Force Protection and Survivability – SAE1008](#)
- [Aircraft Tire Electrical Resistance Test – ARP6404](#)
- [Minimum Performance Standard for Aircraft Position Lights – AS8037D](#)
- [Trimmable Horizontal Stabilizer Actuator Descriptions – AIR6052A](#)
- [Bearings, Plain and PTFE Lined, Self-Aligning – AS8942A](#)

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## Ground Vehicle Standards

- [Listing of Provider Service Identifiers and Associated Application Technical Reports – J3268 202202](#)
- [H-Point Machine \(HPM-II\) Specifications and Procedure for H-Point Determination - Auditing Vehicle Seats – J4002 202202](#)

- [Hydrogen Vehicle Crash Test Lab Safety Guidelines – J3121 202202](#)
- [Off-Road Self-Propelled Work Machines Operator Enclosure Environment Part 3: Operator Enclosure Pressurization System Test Procedure – J3078/3 202202](#)
- [Laboratory Measurement of the Composite Vibration Damping Properties of Materials on a Supporting Steel Bar – J1637 202202](#)

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## Technical Papers

- [Sustainable Mobility - Feasibility study on vehicles powered by hydrogen in fuel cells, and other applications](#)
- [Hydrogen Technologies Applied to SAE Electric Racing Car](#)
- [Fuel Economy Benefit of Active Grille Shutters for Real World, Worldwide Harmonized Light Vehicles Test Procedure, and Real Driving Emission Cycles](#)

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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.

- [Impact of Positioning Uncertainty on Connected and Automated Vehicle Applications](#)

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## Journal Articles

- [Motion Sickness in Automated Vehicles: Principal Research Questions and the Need for Common Protocols](#)

- [Analysis for Comfortable Handling and Motion Sickness Minimization in Autonomous Vehicles Using Ergonomic Path Planning with Cost Function Evaluation](#)
- [What Can User Typologies Tell Us about Carsickness Criticality in Future Mobility Systems](#)

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## EDGE Research Reports

- [Unsettled Topics in the General Aviation Autonomy Landscape](#)
- [Unsettled Issues Regarding the Commercialization of Autonomous Agricultural Vehicles](#)

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## Professional Development

### [Managing Cybersecurity Risks Using ISO/SAE 21434](#) PD532013

Applying the new ISO/SAE 21434 Standard? This introductory course outlines the methods specified to assess cybersecurity risk to a road vehicle product in the context of ISO/SAE 21434.

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## Book Spotlight

SAE Books is proud to spotlight and support our outstanding women authors during International Women's Month!



- [Intersection: Reimagining the Future of Mobility Across Traditional Boundaries](#), Alisyn Malek
- [Women Driven Mobility: Rethinking the Way the World Moves](#), Katelyn Shelby Davis & Kristin Shaw
- [Flight Paths to Success: Career Insights from Women Leaders in Aerospace](#), Rhonda Walthall & Brenda Christiansen
- [The Road Forward: More Conversations with Top Women in the Automotive Industry](#), Carla Bailo & Terry Barclay
- [Doing the Heavy Lifting: Insights from Women Leading the Commercial Vehicle Industry](#), Joan Wills & Karen Ramsey-Idem

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 **Events**



**In-Person | March 15-17, 2022 | Pasadena, California**  
**Digital Summit | March 22-24, 2022 | Online**

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 **Membership**

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:

- [Chat with the Expert - Women in Aerospace](#), March 29 – 30: Join SAE Women in Member Connection and at the Live Chat.
- [Celebrate Women in Mobility](#): Recognize and honor the women you have worked with and/or been inspired by.
- [Volunteer with SAE](#) – Opt into the Volunteer Pool, update your profile, or apply for an opportunity for a chance to win a Keurig K-Slim Coffee Maker, \$50 Starbucks gift card, and an SAE mug.

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[Learn more](#) about how SAE is responding to the coronavirus (COVID-19) pandemic.

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