



September 2020 Newsletter

September 2020 Move with SAE Mobilus Newsletter

The following is a summary of all publications added to the SAE Mobilus technical resource platform in August 2020. Selecting a content type below will display the SAE Mobilus search results for the content type selected.

- [SAE Aerospace Standards](#) (57)
- [SAE Aerospace Material Specifications](#) (22)
- [SAE Ground Vehicle Standards](#) (12)
- [SAE Journal Articles](#) (26)
- [SAE Technical Papers](#) (34)
- [SAE EDGE Research Reports](#) (3)
- [SAE Professional Development](#)
- [SAE Books](#) (4)
- [SAE Magazine Articles](#) (21)
- [SAE Membership Information](#)

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

Please note, your ability to access the publications listed is dependent on your subscription to SAE Mobilus. If a publication is outside of your subscription, please contact your organization's SAE Mobilus administrator.

September 2020 Move with SAE Mobilus Webinar Series

September 16th, 2020 | 11 a.m. EST

Sign up for our monthly webinar series, hosted by our SAE Customer Success Specialist, Angela Kenner. This series, held every 3rd Wednesday at 11 a.m. EST, will highlight newly released SAE publications, LIVE Q&A with guest speakers and allow for our audience to engage with our team and content.

September Guest Speaker:

September's special guest speaker is **David Karr**, chairman of the [G-23 Committee for Manufacturing Management](#) responsible for developing the industry standard for manufacturing management, [AS6500](#). Mr. Karr will be available to discuss how the [AS6500](#) applies to all phases of the system acquisition life cycle and it's intended use on all programs with manufacturing content.

Listen & Engage with Mr. Karr as he also reviews his new book, *How to Manage the Perfect Factory or How AS6500 Can Lead To Everlasting Happiness*.

Sign Up

SAE Aerospace Standards and Aerospace Material Specifications (79):

- [AS9617: Balancing Machines - Verification Test Requirements](#)
- [AIR6897: Battery Management Systems for Rechargeable Lithium Batteries Used in Aerospace Standards](#)
- [AS6522A: Unmanned Systems \(UxS\) Control Segment \(UCS\) Architecture: Architecture Technical Governance](#)
- [EIA649_1A: Configuration Management Requirements for Defense Contracts](#)
- [AIR6825: Identification and Assessment of Damage to Composite Aircraft Structures Training Document](#)

View All

SAE Ground Vehicle Standards (12):

- [J3300/1_202008: Low Mu/Winter Driving Skill Certification](#)
- [J360_202008: Truck and Bus Grade Parking Performance Test Procedure](#)
- [J2111_202008: Headlamp Cleaners](#)
- [J3160_202008: Recommended Practice for Improving Measurement Quality of Particle Number Counting Devices](#)
- [J3070_202008: Power Cylinder Scuffing: Mechanisms](#)

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SAE Technical Papers (34):

- [2020-28-0008 - Advanced Methods to Handle LSPI in TGDI Engines](#)
- [2020-28-0010 - Numerical Investigations on Heat Transfer and Flow Characteristics of Climate Control Systems in Electric Vehicles](#)
- [2020-28-0038 - Refrigerant Valves in AC- and Heat Pump Systems for Electric Vehicles](#)
- [2020-28-0002 - Universal Electric Vehicle Thermal Management System](#)
- [2020-28-0004 - Cabin and Battery Cooling Performance Trade-off in an Electric Vehicle](#)

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SAE Journal Articles (26):

- [14-09-02-0011 - Understanding Real-World Variability of Hybrid Electric Vehicle Fuel Economy](#)

- [13-01-02-0006 - Optimal Design of Continuously Variable Power-Split Transmissions for the Wind Energy Conversion System](#)
- [04-13-02-0012 - Particle Size Distribution Measurements of Neat and Water-Emulsified Oxymethylene Ethers in a Heavy-Duty Diesel Engine](#)
- [11-02-02-0012 - Pseudonym Issuing Strategies for Privacy-Preserving V2X Communication](#)
- [03-13-05-0038 - The Effect of Engine Speed, Exhaust Gas Recirculation, and Compression Ratio on Isobaric Combustion](#)

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SAE EDGE™ Research Reports (3):

- [Unsettled Topics Concerning Airworthiness Cybersecurity Regulation](#)
- [Unsettled Issues Regarding Policy Aspects of Automated Driving Systems](#)
- [Unsettled Issues Facing Automated Vehicles and Insurance](#)

[View All](#)

SAE Professional Development:

Featured Course: [Overview of AS6500](#), [Manufacturing Management Program PD531906C](#)

- This on-demand course discusses the **background and history of AS6500**, why the standard was created, and how it relates to other SAE standards. The presentation explains AS6500's detailed requirements, lists the benefits of its adoption, and provides instructions on how to implement the standard within your organization.
- This course will be especially valuable for **operations managers, manufacturing managers, manufacturing engineers, producibility engineers, industrial engineers, process control engineers, supplier managers, quality engineers** and related professionals who are interested in improving the manufacturing management function.

[Sign-Up](#)

SAE Books (4):

- [Automotive Emissions Regulations and Exhaust Aftertreatment Systems](#)
- [Managing Electric Vehicle Power](#)
- [Model Archiving and Sustainment for Aerospace Design](#)
- [Fundamentals of Automobile Body Structure Design, 2nd Edition](#)

[View All Books](#)

SAE Events:

September Events, Online & On-Demand:

- [COMVEC](#) | September 15-17
- [PF&L](#) | September 22-23
- [OBD](#) | September 22-24

[Click here](#) for more information on upcoming virtual events, agendas, registration and exhibit and sponsorship opportunities.

[Learn More](#)

SAE Membership Information:

Enjoy access to discounted technical resources, career advancement tools, networking opportunities and more as an SAE Member (Not a member? Join now at sae.org/join). Here's the latest happenings and benefits:

- [COMVEC™ Digital Summit](#), Sept 15 – 17: SAE Members save \$200 if you register by September 8; access over 20 hours of live keynotes and technical sessions, plus five hours of on-demand content.
- [Chat with the Expert in Member Connection](#) October 20 - 21: Join [CADIA](#) CEO and founder, Cheryl Thompson, to discuss diversity, inclusion, and advancement within the automotive industry.

[Become an SAE Member](#)