April 2021 Move with SAE Mobilus® Newsletter

The following is a summary of all publications added to the SAE Mobilus technical resource platform in March 2021. Selecting a content type below will display the SAE Mobilus search results for the content type selected.

- SAE Aerospace Standards (63)
- SAE Aerospace Material Specifications (15)
- SAE Ground Vehicle Standards (25)
- SAE Journal Articles (46)
- SAE Technical Papers (145)
- SAE EDGE Research Reports (2)
- SAE Professional Development
- SAE Books
- SAE Magazine Articles (22)
- 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.
Move with SAE Mobilus Webinar Series

Wednesday April 21st, 2021 | 11 a.m. EST

The Road Forward: More Conversations with Top Women in the Automotive Industry with Carla Bailo, CEO of the Center for Automotive Research, and Terry Barclay, CEO of Inforum.

SAE Aerospace Standards & Aerospace Material Specifications (78)

- AIR7929 - Qualification of Percon® 24, a New High-Strength Conductor Alloy to AS29606
- AS13100- AESQ Quality Management System Requirements for Aero Engine Design and Production Organizations
- AS6960- Performance Standard for Seat Furnishings in Transport Aircraft
- AS6518A- Unmanned Systems (UxS) Control Segment (UCS) Architecture: UCS Architecture Model
- ARP6823 - Electronic Transactions for Aerospace Systems: An Overview

View All

SAE Ground Vehicle Standards (25):

- J1939DA_202103 - J1939 Digital Annex
- J2847/3_202103- Communication for Plug-in Vehicles as a Distributed Energy Source
- J3063_202103- Active Safety Systems Terms and Definitions
- J1668_202103- Diesel Engines - Fuel Injection Pump Testing
- J1939-22_202103- CAN FD Data Link Layer

View All
SAE Technical Papers (145):

- 2021-01-0035 – Digital Data Standards in Aircraft Asset Lifecycle – Current Status and Future Needs
- 2021-01-0037 – Generalizing Aspects of System Safety to Broaden Applicability
- 2021-01-0039 – Carbon Neutrality, Reduction and Offset-Aviation Solutions in the 21st Century
- 2021-01-0008 – Improved Energy Management System for Airplane Electrical Power
- 2020-36-0191 – Catalytic Efficiency Optimization in a Heavy-Duty Diesel Engine

SAE Journal Articles (46):

- 14-10-02-0011 - An Electric Vehicle Onboard Microgrid with Solar Panel for Battery Module Balancing and Vehicle-to-Grid Applications
- 04-14-01-0001 - Engine Particulate Emissions as a Function of Gasoline Deposit Control Additive
- 03-14-04-0030 - Effects of Hybridization on Selective Catalytic Reduction (SCR) Thermal Management of a Medium Heavy-Duty Hybrid Work Truck
- 14-10-02-0013 - Study on Real-Time Control Based on Dynamic Programming for Plug-In Hybrid Electric Vehicles

SAE EDGE™ Research Reports (2):

- Unsettled Issues Regarding the Certification of Electric Aircraft
- Unsettled Issues on Sensor Calibration for Automotive Aftermarket Advanced Driver-Assistance Systems
SAE Professional Development:

We provide **high impact, industry-applicable** training programs and credentials specifically designed to advance career development. Our portfolio of hundreds of **classroom, web-delivered, and on-demand online courses** are delivered in the U.S., Europe, and Asia for individuals or as private offerings for groups within companies.

**Spotlight Courses:**

**AS13100 Supplemental Quality Management System Requirements**
Move your team closer to compliance with the new AS13100 standard, through expert training from SAE and AESQ.

**Robotics for Autonomous Vehicle Systems Bootcamp**
Develop a deep, technical understanding of how to build autonomous systems by learning to program a mobile robot through hands-on approaches.

Learn More

**SAE Books:**

- **Fundamentals of Vehicle Dynamics, 2E**
- **The Road Forward: More Conversations with Top Women in the Automotive Industry**

To add this to your SAE Mobilus Subscription please reach out to your SAE Mobilus Administrator or SAE Sales Representative.

View All

**SAE Events:**

SAE is committed to bringing together global industry experts and we are here to help the mobility industry stay connected and informed.

**Spotlighted SAE Digital Events:**

- **WCX™ Digital Summit | April 13-15, 2021**

Attend
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 are the latest happenings and benefits:

- **Special New Professional Membership Offer:** Join SAE for only $99 (save 17% off annual member rate of $120), and claim 53% off Bosch Automotive Handbook 10th Edition, while supplies last.

- **SAE Fellow Grade of Membership** – recognize long-term SAE Members for their impact on society’s mobility technology through leadership, research, and innovation. Nominations due July 1, 2021.

We believe you will benefit from this information, but if you would like to be removed from future SAE email communications, click here to maintain your preferences. For details on our commitment to privacy, please read our Privacy Policy.