



*June 2021 Newsletter*

## **June 2021 Move with SAE Mobilus® Newsletter**

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

- [SAE Aerospace Standards \(64\)](#)
- [SAE Aerospace Material Specifications \(29\)](#)
- [SAE Ground Vehicle Standards \(12\)](#)
- [SAE Technical Papers \(10\)](#)
- [SAE Journal Articles \(34\)](#)
- [SAE EDGE Research Reports \(2\)](#)
- [SAE Books](#)
- [SAE Magazine Articles \(20\)](#)

### **Additional SAE Solutions:**

- [Move with SAE Mobilus Webinar Series](#)
- [SAE Professional Development](#)
- [SAE Events](#)
- [SAE Membership & Community Engagement](#)

[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 June 16<sup>th</sup>, 2021 | 11 a.m. EST

**Meet the Editor-in-Chief of the SAE International Journal of Aerospace:** Dr. Ravi Rajamani, Independent Consultant, and Visiting Professor of Aerospace, Transport and Manufacturing – Cranfield University.

New to the Movement? [Learn More.](#)

Join the Movement

---

## SAE Aerospace Standards & Aerospace Material Specifications (93)

- [AS9147- Unsalvageable Items Management – Requirements for Aviation, Space, and Defense Organizations](#)
- [ARP4977-DRYING OF THERMOSETTING COMPOSITE MATERIALS](#)
- [AIR6212-Use of Health Monitoring Systems to Detect Aircraft Exposure to Volcanic Events](#)
- [AMSC19853A-Carbon Removing Compound \(For Use in Agitated Tank\)](#)
- [ARP6320A-Procedure for the Continuous Sampling and Measurement of Non-Volatile Particulate Matter Emissions from Aircraft Turbine Engines](#)

View All

---

## SAE Ground Vehicle Standards (12):

- [J1715\\_202105-Hybrid Electric Vehicle \(HEV\) and Electric Vehicle \(EV\) Terminology](#)
- [J1939/03\\_202105J3021\\_202105-On-Board Diagnostics Implementation Guide](#)
- [J3021\\_202105- Recommended Practice for Determining Material Properties of Li-Battery Cathode Active Materials](#)
- [J3227-Terminology and Measurement Methodology for Determining Vehicle Overlap in Offset-Frontal Crashes](#)
- [J1537\\_202105-Gasoline Low-Pressure Electric Fuel Pump Characterization](#)

View All

## SAE Technical Papers (10):

- [2021-01-5054 - Selective Catalytic Reduction on Filter Performance Testing on Non-road Diesel Engine](#)
- [2021-01-5043 - Human Subject Kinematic Response to Low-Speed Sideswipes Involving a Truck Tractor](#)
- [2021-01-5053 - Multi-objective Design Optimization of Locomotive Nose](#)
- [2021-01-5051 - High-Cycle Fatigue of Polyamide-6,6 and Glass Fiber-Based Short Fiber Composite Using Finite Element Analysis](#)
- [2021-01-5059 - Novel Approach to Determine Effective Flow Areas at Shock Absorber Restrictions](#)

[View All](#)

## SAE Journal Articles (32):

- [10-05-04-0030 - An Overview of Automotive Wind Noise and Buffeting Active Control](#)
- [09-09-01-0001 - Assessment of Acclimation of 5th Percentile Female and 50th Percentile Male Volunteer Kinematics in Low-Speed Frontal and Frontal-Oblique Sled Tests](#)
- [14-10-02-0015 - Energy Method for Controlling a Traction Electric Drive](#)
- [11-04-01-0002 - Towards a Blockchain Framework for Autonomous Vehicle System Integrity](#)
- [05-14-04-0023 - A Novel Approach for Integrating the Optimization of the Lifetime and Cost of Manufacturing of a New Product during the Design Phase](#)

[View All](#)

---

## SAE EDGE™ Research Reports (2):

- [Unsettled Topics Concerning Flying Cars for Urban Air Mobility](#)
- [Unsettled Technology Areas in Electric Propulsion Systems](#)

[View All](#)

## SAE Professional Development:

**NEW:** [Automotive Cybersecurity Certification](#) (Level One) In partnership between SAE International and TÜD SÜD | July 26-27, 2021 | Live Instructor Led (Online)

- Learn the context and the requirements of the laws, regulations, and standards with a focus on the regulations of UNECE WP.29 and ISO/SAE 21434.
- Designed for any role that needs to have a foundational understanding of automotive cybersecurity.

**NEW:** [AS13100 Supplemental Quality Management System Requirements](#) Quality Foundations Course set to launch Fall 2021.

- Expert training from SAE and AESQ | 10 Module OnDemand Course
- Contact our team for more information on the launch! @ [corplearn@sae.org](mailto:corplearn@sae.org)

[Learn More](#)

---

## SAE Events:

**In Person Events Return!** We are looking forward to gathering safely in person:

- [Noise and Vibration](#) Conference | September 7-10 in Grand Rapids, MI.
- [COMVEC](#) | September 14-16 in Rosemont, IL.
- [North American International Propulsion](#) Conference | September 15-17 in Chicago, IL.

### Upcoming Digital Events:

- [Business of Automated Mobility Forum](#) (BAM) | June 23-24, 2021

[View All](#)

---

## SAE Book Collection:

There were no new SAE book titles in May 2021 but click below to [check out the 2021 year-to-date titles!](#)

[View All](#)

## SAE Membership & Community Engagement:

FREE trial of [Member Connection](#), SAE's online discussion platform – June through August, join the technical conversations with SAE Members, such as:

- [Autonomous Vehicles and Weather](#)
- [Hydrogen as a Fuel](#)

[4<sup>th</sup> Annual SAE Recognition Day](#): Monday June 28<sup>th</sup>, 2021 | Highlights, Events, Competitions & Prizes! New to Propel? [Learn More](#).

[Learn More](#)

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](#).

SAE International | 400 Commonwealth Drive | Warrendale, PA 15096 USA | [Contact Us](#)

CONNECT WITH US

