



June 2020 Newsletter

June 2020 Move with SAE MOBILUS® Newsletter

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

- [Aerospace Standards](#) (66)
- [Aerospace Material Specifications](#) (24)
- [Ground Vehicle Standards](#) (21)
- [Journal Articles](#) (20)
- [Journals](#) (2)
- [Technical Papers](#) (3)
- [SAE EDGE Research Reports](#) (2)
- [SAE Professional Development](#)
- [Magazine Articles](#) (45)
- [SAE Events, WCX Digital Summit](#)
- [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.

June 2020 Move with SAE MOBILUS Webinar Series

June 17, 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.

June Guest Speakers:

- Derek Logan (Driving Skills Standards Committee, Chair) – Senior Engineer, Nissan
- Mark-Tami Hotta (Driving Skills Standards Committee, Vice Chair) – President, Integrity First Consulting

[SAE Driving Skills Standards Committee](#)

GV Standard Topic: [SAE J3300 Family of Standards](#) – Driving Level Skill Certification and Endorsement Documents. Derek and Mark-Tami will discuss the industry significance of the J3300 family of documents, not just as important standards, but the impact within the mobility engineering industry.

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Aerospace Standards and Aerospace Material Specifications (90):

- [ARP6217 – Balancing Machines – Description and Evaluation Vertical, Single-Plane, Non-Rotating Type for Gas Turbine Rotors](#)
- [AS5684B – JAUS Service Interface Definition Language](#)
- [ARP599D – Aerospace - Dynamic Test Method for Determining the Relative Degree of Cleanliness of the Downstream Side of Filter Elements](#)
- [AS1248B – Minimum Standard for Gaseous Oxygen Pressure Reducers](#)
- [GEIASTD0009A – Reliability Program Standard for System Design, Development, and Manufacturing](#)

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Ground Vehicle Standards (21):

- [J3216_202005 – Taxonomy and Definitions for Terms Related to Cooperative Driving Automation for On-Road Motor Vehicles](#)
- [J3300_202005 – Driving Level Skill Certification](#)
- [J3300/2_202005 – Trailer Towing Driving Skill Certification](#)
- [J3152_202005 – Taxonomy and Guidelines for Design, Fabrication, and Installation of Brake NVH Fixtures for Inertia Dynamometer Testing](#)
- [J2263_202005 – Road Load Measurement Using Onboard Anemometry and Coastdown Techniques](#)

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Journal Articles (20):

- [10-04-03-0017 – Damping of Powder Metal Rings – SAE International Journal of Vehicle Dynamics, Stability, and NVH](#)
- [12-03-01-005 – Kalman Filter-Based Model Predictive Control for an Adaptive Cruise Control System Considering Measurement Noise – SAE International Journal of Connected and Automated Vehicles](#)
- [02-13-01-005 – Updating the Grade Severity Rating System \(GSRS\) for Wyoming Mountain Passes: A Description of Tests and Results – SAE International Journal of Commercial Vehicles](#)
- [03-13-03-0027 – Experimental Investigations to Extend the Operating Load Range of a Homogeneous Charge Compression Ignition Engine through Fuel Modifications – SAE International Journal of Engines](#)
- [05-13-02-0014 – Analysis of the Cross-Sectional Shape and Wiping Angle of a Wiper Blade – SAE International Journal of Materials and Manufacturing](#)

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Technical Papers (3):

- [2020-01-5055 – Effect of Form Honing on Piston Assembly Friction](#)
- [2020-01-5054 – Characterization of Aerodynamic Impact of Build Variation in Class 8 Tractor Trailers](#)
- [2020-01-5050 – Turbocharger Optimization of Diesel Engine for Fuel Economy Improvement Using 1-D Thermodynamic Analysis](#)

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SAE EDGE™ Research Reports (2):

- [Unsettled Issues Concerning Integrated Vehicle Health Management Systems and Maintenance Credits](#)
- [Unsettled Topics in the Application of Satellite Navigation to Air Traffic Management](#)

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SAE Professional Development:

Adapt and Thrive with SAE Corporate Learning Solutions

Whether you are facing regulatory, economic, or technological challenges, our team is here to help you navigate through this changing time. SAE offers the [most extensive catalog](#) of industry-focused training, and we continue to shift many of our traditionally in-person led trainings to online offerings. Our focus is on providing you:

- **Best-practice guidance** on staying compliant.
- **Subject Matter expertise** to help you stay competitive.
- **Cost-effective courses** you can put into practice immediately.

Learn about how we can help you adapt and thrive no matter the challenge.

[Talk to Us Today](#)

SAE Books:

There are no publications for May 2020.

[View All Books](#)

SAE Events:

SAE is bringing you our most in demand events, virtually this month!

SAE is committed to bringing together global industry experts, and we are here to help the mobility industry stay connected during these changing times. We just concluded our first event, AeroTech[®] Digital Summit, and we are looking forward to the [2020 WCX Digital Summit](#), live online June 16-18, 2020.

WCX[™] Digital Summit will feature:

- 20+ hours of live content
- 175+ on-demand presentations
- Thousands of valuable connections

Register before June 12th to receive the early bird rate of just \$95.00 for unlimited access to the event.

[Register Today](#)

SAE Membership Information:

Enjoy access to discounted technical resources, career advancement tools, networking opportunities and more as an SAE Member. Here is the latest happenings and benefits.

- FREE trial of [Member Connection](#), SAE's online discussion platform – join the latest technical conversations with SAE Members.
- [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, 2020.

- [SAE Member paid magazine writing opportunity](#) – if you are an alum or volunteer of the SAE CDS competitions, we invite you to submit an article for the student magazine, *MOMENTUM*.

[Become an SAE Member](#)