



NEW Publications Released in February 2020

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

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Please note, your ability to access the publications listed is dependent on your subscription access to SAE MOBILUS. If a publication is outside of your subscription, please reach out to your organization's Administrator.

March 2020 Webinar

March 18, 2020 | 11 a.m. EST

Sign up for our monthly webinar hosted by our SAE Customer Success Specialist, Angela Kenner. This open WebEx will highlight newly released SAE publications, guest speakers from our Product Team, and allow for our audience to engage with our team and content.

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Standards:

- [SAE AIR5747A: EMC Laboratory RF Radiated Emission Report for Passive Radio Frequency Identification \(RFID\) Tags](#)
- [SAE AIR5914: Landing Gear Fatigue Spectrum Development For Part 25 Aircraft](#)
- [SAE AS1219A: Aircraft Oxygen Replenishment Coupling for Civil Transport Aircraft \(Design Standard\)](#)
- [SAE UNS N07001: BOLT, MACHINE - HEXAGON HEAD, PD SHANK, NICKEL ALLOY, SAE AS3307B: .2500-28 UNJF-3A](#)
- [SAE J442_202002: Test Strip, Holder, and Gage for Shot Peening](#)

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Technical Papers:

- [The Study of Steering on Ramp Based on Electric Tracked Vehicle](#)
- [Event-Triggered Robust Control of an Integrated Motor-Gearbox Powertrain System for a Connected Vehicle under CAN and DOS-Induced Delays](#)
- [Takeover Level of Autonomous Vehicle Based on Driver's Neuromuscular Characteristic](#)
- [A Real-Time Obstacle-Avoidance Trajectory Planner for On-Road Autonomous Vehicle](#)
- [A New CFAR Detection Algorithm Based on Sorting Selection for Vehicle Millimeter Wave Radar](#)

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SAE EDGE™ Research Reports:

- [Unsettled Issues Concerning Semi-Automated Vehicles: Safety and Human Interactions on the Road to Full Autonomy](#)
- [Unsettled Legal Issues Facing Automated Vehicles](#)

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Journal Articles:

- [Review of Nitrous Oxide \(N₂O\) Emissions from Motor Vehicles - SAE International Journal of Fuels and Lubricants](#)
- [Research on the Renovation of Old Industrial Buildings Based on Nano-Modified Cement Materials - SAE International Journal of Materials and Manufacturing](#)
- [Flow Field Experimental Study in Brake Discs with Aerodynamic Ventilation Columns - SAE International Journal of Passenger Cars - Mechanical Systems](#)
- [Efficiency of an AC Conductive In-Road Charging System for Electric Vehicles-Analysis of Pilot Project Data - SAE International Journal of Alternative Powertrains](#)
- [Vehicle Safe-Mode, Concept to Practice Limp-Mode in the Service of Cybersecurity - SAE International Journal of Transportation Cybersecurity and Privacy](#)

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