

# SAE Mobilus® 2022年まとめ

### 2022年ダウンロード数トップ規格



Ground Vehicles

自動車規格

<u>J1939 Digital Annex</u>
<u>Application Layer - Diagnostics</u>

<u>Data Link Layer</u>

<u>J1979-DA, Digital Annex of E/E Diagnostic Test Modes</u>

<u>Vehicle Application Layer</u>



Aerospace

航空宇宙規格

**Identification Marking Methods** 

<u>Quality Management Systems – Requirements for Aviation, Space, and Defense Organizations</u>

<u>Screw Threads UNJ Profile, Inch Controlled Radius Root with</u> Increased Minor Diameter

FITTING END, FLARED TUBE CONNECTION, EXT ENDED THREAD, DESIGN STANDARD

Aerospace First Article Inspection Requirement



Aerospace Material



#### **Pyrometry**

Steel, Corrosion-Resistant, Bars, Wire, Forgings, Mechanical Tubing, and Rings 16Cr - 4.0Ni - 0.30Cb (Nb) 4.0Cu Solution Heat Treated, Precipitation Hardenable

Steel, Corrosion Resistant, Bars, Wire, Forgings, Rings, a nd Extrusions15Cr-4.5Ni-0.30Cb (Nb)- 3.5Cu

Consumable Electrode Remelted Solution Heat Treated, Precipitation Hardenable

Heat Treatment of Steel Raw Materials

**Heat Treatment Precipitation-Hardening Corrosion-**

Resistant, Maraging, and Secondary Hardening Steel Parts



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### ダウンロード数トップタイトル



Review of Vehicle Engine Efficiency and Emissions

Design and Analysis of Steering Knuckle for FSAE Vehicle

Super High Transfer Efficiency Application for Body Coating

Universal Electric Vehicle Thermal Management System

Euro VII and Beyond with Hydrogen Combustion for

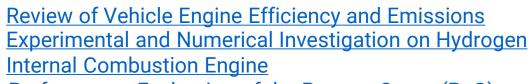
Commercial Vehicle Applications: From Concept to

Series Development

学術論文

# Technical Papers

テクニカルペーパー



Performance Evaluation of the Pass-at-Green (PaG)
Connected Vehicle V2I Application

The Resolution of 8th Order Whining Noise for a Battery Electric Vehicle

H2-ICE Technology Options of the Present and the Near Future



<u>Unsettled Issues on HD Mapping Technology for</u> <u>Autonomous Driving and ADAS</u>

<u>Unsettled Issues in Vehicle Autonomy, Artificial</u> <u>Intelligence, and Human-Machine Interaction</u>

Energy Options on the Path Toward a More Sustainable Transportation Sector

<u>Unsettled Issues in Drive-by-Wire and Automated</u> <u>Driving System Availability</u>

The Challenges of Vehicle Decarbonization



# SAE Mobilus®

#### 2022 in Review

### ダウンロード数トップタイトル





Fundamentals of Vehicle Dynamics, Revised Edition
Aerodynamics of Road Vehicles, Fifth Edition
Fundamentals of Connected and Automated
Vehicles

<u>Automotive Cybersecurity: An Introduction to</u> ISO/SAE 21434

Internal Combustion Engine Handbook, 2nd English Edition

書籍



## SAEのSNSをフォロー







## Join the Movement!

✓ SAE Mobilusニュースレターの登録はこちらから 登録





✓ SAE Mobilusウェビナー登録はこちらから <u>登録</u>

✓ SAE Mobilusエキスパートによるマンスリースポットライト セッションへの参加はこちらから! 参加予約

