

SETC2023 Awards

Global top 6 & Best paper award

Best paper

JSAE	Paper NO.	Session	Paper Title
1	2023-01-1839	SETC2	Modeling of Diluted Combustion Characteristics of Gasoline Alternative Fuels Using Single Cylinder Engine

Global top 6

JSAE	Paper NO.	Session	Paper Title
1	2023-01-1839	SETC2	Modeling of Diluted Combustion Characteristics of Gasoline Alternative Fuels Using Single Cylinder Engine
2	2023-01-1807	SETC11	Development of Lightweight Oil Catch Tank Produced by Laser Powder Bed Fusion
3	2023-01-1843	SETC4	Experimental Study on Diesel Spray Combustion and Wall Heat Transfer with Multiple Fuel Injection Strategies
SAE	Paper NO.	Session	Paper Title
1	2023-01-1805	SETC1	Improvement of the EGR Dilution Tolerance in Gasoline Engines by the Use of a HSASI Pre-Chamber Spark Plug
2	2023-01-1838	SETC2	Impacts of eFuels on solid and gaseous emissions of powersport two-wheelers
3	2023-01-1840	SETC2	Use of detailed hydrocarbon emission analysis to identify synergistic effects in renewable gasoline fuel blends for significant reduction of aromatic hydrocarbon as well as total hydrocarbon emissions of small gasoline powered ICEs

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Presentation award

Bathalha Guilherme

Impacts of eFuels on Solid and Gaseous Emissions of Powersport Two-Wheelers

Minoru Iida

Introduction of Automatic Factory Vehicle “FG-01” with the 3D-Map Based Autonomous Driving System

Yoshimoto Matsuda

Hybrid-MC as a Solution in the Transit Stage for the Carbon Neutral Society

Yoji Matsumoto

Development of Method for Improvement Motorcycle Frame Accuracy by Utilizing Weld Distortion Visualization Technology and Expert Knowledge and Thinking

Hiroki Mori

Concurrent development of new middle size motorcycle for “Road Sports” and “Adventure Sports” segment

Atsushi Owada

Effect of Impurity Elements in Recycled Ingots on Seizure Properties of Die-Cast Cylinders made of Hypereutectic Al-Si Alloy