

Top Ten Papers

The SETC Awards Committee is pleased to recognize the authors of the top ten papers from the 2006 Small Engine Technology Conference in San Antonio, Texas, USA.

1. (Best Paper)

2006-32-0018/20066518

Development and Testing of Optimized Engine Oils for Modern Two-Stroke Cycle Direct Fuel Injected Outboard Engines

Joseph Timar; Chevron Oronite Co., LLC

2.

2006-32-0039/20066539

Experimental Investigation into the Temperature and Heat Transfer Distribution around Air-Cooled Cylinders

David James Thornhill; Queen's University of Belfast

3.

2006-32-0094/20066594

Characterization and Control of Evaporative Emissions from Fuel Tanks in Nonroad Equipment

Michael J. Samulski; US Environmental Protection Agency

4.

2006-32-0048/20066548

Integration of Hybrid-Electric Strategy to Enhance Clean Snowmobile Performance

Glenn R. Bower, Ethan K. Brodsky, Eric Schroeder, Adam Schumacher; University of Wisconsin Madison

5.

2006-32-0043/20066543

A Study of HCCI Combustion Using a Two-Stroke Gasoline Engine with a High Compression Ratio

Akira Iijima, Takashi Watanabe, Koji Yoshida, Hideo Shoji; Nihon University

Top Ten Papers

6.
2006-32-0009/20066509
Fuel Assisted Idle Speed Control for Lean Burn Gasoline Engines
James M. Kerns, Gopichandra Surnilla; Ford Motor Company

7.
2006-32-0045/20066545
A Study on Combustion Control by Using Internal and External EGR for HCCI Engines Fuelled with DME
Tetsuo Omura; Keio University

8.
2006-32-0046/20066546
Effect of Degree of Unmixedness on HCCI Combustion Based on Experiment and Numerical Analysis
Jumpei Ozaki; Keio University

9.
2006-32-0065/20066565
Development of a Low Emission Two-Stroke Engine with Low Pressure Fuel Injection
Franz Winkler, Oliver Schoegl, Roland Oswald, Roland Kirchberger; Graz University of Technology

10.
2006-32-0050/20066550
University of Idaho's Clean Snowmobile Design Using a Direct-Injection Two-Stroke
Nathan Bradbury, Justin Johnson, Andrew Findlay, Erik Van Patten, Karen Den Braven; University of Idaho

Top Five Presentations

The SETC Awards Committee is pleased to recognize the presenters and authors of the top five presentations from the 2006 Small Engine Technology Conference in San Antonio, Texas, USA.

1. (Best Presentation)

2006-32-0065/20066565

Development of a Low Emission Two-Stroke Engine with Low Pressure Fuel Injection

Franz Winkler; Graz University of Technology

2.

2006-32-0101/20066601

Research on Extended Expansion General-Purpose Engine

Sei Watanabe; Honda R&D Co., Ltd.

3.

2006-32-0105/20066605

Experimental Study of Smoke Emission on a Small-Displacement Turbo-Charged Spark-Ignition Direct-Injection Engine

Takahiro Noyori; Suzuki Motor Corporation

4.

2006-32-0014/20066514

Fuel Saving Four-Stroke Engine Oil for Motorcycles

Moritsugu Kasai; Idemitsu Kosan Co., Ltd.

5.

2006-32-0059/20066559

A Multidimensional Interface for the Predictive CFD Simulation of the 2-Stroke Engine

Rainer Rothbauer; Graz University of Technology