

Congratulations!

<Best Paper Award>

2009-32-0119 / 20097119

Very Lean and Diluted SI Combustion Using a Novel Ignition System with Repetitive Pulse Discharges

Tatsuya Kuboyama, Yasuo Moriyoshi (Chiba University), Kimitoshi Tanoue (Oita University), Eiki Hotta (Tokyo Institute of Technology), Yuichiro Imanishi, Naohiro Shimizu (NGK Insulators, LTD.), Katsujiiida



<High Quality Papers>

2009-32-0017 / 20097017

Analysis of Droplets Evaporation Process of Diesel Spray at Ignition Delay Period using Dual Nano-spark Shadowgraph Photography Method

Abdullah Adam, Tomoaki Yatsufusa, Tomonori Gomi, Nobuyuki Irie, Yoshiyuki Kidoguchi (The University of Tokushima)

2009-32-0030 / 20097030

Spectroscopic Measurements in Small Two-Stroke SI Engines

Kai W. Beck, Thomas Heidenreich, Steve Busch, Ulrich Spicher (Universität Karlsruhe), Tim Gegg, Armin Kölmel (Andreas STIHL AG & Co. KG)



2009-32-0042 / 20097042

Research on Extended Expansion General-Purpose Engine – Noise Characteristics Caused by Multiple Linkage System and Reduction of the Noise

Gaku Naoe, Sei Watanabe (Honda R&D Co.,Ltd)



2009-32-0070 / 20097070

A Study of HCCI Combustion using Spectroscopic Techniques and Chemical Kinetic Simulations

Akira Iijima, Koji Yoshida, Hideo Shoji (Nihon University)



2009-32-0079/20097079

Improvement of Natural-gas HCCI Combustion by Internal EGR by Means of Exhaust Valve Re-opening

**Kiyoshi Kawasaki, Kazuki Hirota, Shingo Nagata, Koji Yamane (The University of Shiga Prefecture),
Hiroyuki Ohtsubo, Toru Nakazono (YANMAR Co., Ltd.)**



2009-32-0105 / 20097105

Light Duty Diesel Engine: Optimization of Performances, Noxious Emission and Radiated Noise

M. Costa, D. Siano, L. Allocca, A. Montanaro (Istituto Motori - CNR), F.Bozza (DIME - Universit di Napoli)



2009-32-0129 / 20097129

Fuel Film Behavior Analysis Using Simulated Intake Port

Minoru Iida, Keiichi Yoshikawa, Hiroshi Tanaka (Yamaha Motor Co. Ltd.), G. Wang, C. Arcoumanis (City University London)



2009-32-0149 / 20097149

Low Cost Electronic Fuel Injection for Motorcycles and Utility Engines

P. Ravenhill, T. Drake, R.Hoolahan, B.Smith, I.McFarlane, J. Allen, G.Farmer (Scion-Sprays Ltd)

2009-32-0176/20097176

Miniature HCCI Free-Piston Engine Compressor For Orthosis Application

Lei Tian, David B. Kittelson, William K. Durfee (University of Minnesota)



<High Quality Presentations>

2009-32-0019/20097019

Intelligent Engine Management System for Small Handheld Low Emission Engines

Matthias Hehnke, Claus Naegele, Heinrich Leufen, Andreas Böhner (ANDREAS STIHL AG & CO. KG)



2009-32-0042 / 20097042

Research on Extended Expansion General-Purpose Engine - Noise Characteristics Caused by Multiple Linkage System and Reduction of the Noise

Gaku Naoe, Sei Watanabe (Honda R&D Co.,Ltd)



2009-32-0043 / 20097043

Development of an NOx Reduction System Using Exhaust Valve Controls in Small Engines for Motorcycles

Kazuo Fujihara, Yamato Nakamizo, Mitsuru Kojima, Teruhide Yamanishi (Honda R&D Co.,Ltd.)



2009-32-0046/20097046

Simulation of Scavenging Process, Internal Mixture Preparation, and Combustion of a Gasoline Direct Injection Two-Cylinder Two-Stroke Engine

Dalibor Jajcevic, Raimund A. Almbauer, Stephan P. Schmidt (Graz University of Technology)



2009-32-0129 / 20097129

Fuel Film Behavior Analysis Using Simulated Intake Port

Minoru Iida, Keiichi Yoshikawa, Hiroshi Tanaka (Yamaha Motor Co. Ltd.), G. Wang, C. Arcoumanis (City University London)



<Best Collegiate Event>

2009-32-7103 / 20097103

[Improving Vehicle Performance by Aerodynamic Devices in Formula SAE](#)

Mitsuru Wakabayashi, Kanako Komuro, Olivier Pedoussaut, Yasufumi Oguri, Takashi Suzuki (Sophia University)



<Best Malaysian Award>

2009-32-0026 / 20097026

[Experimental Investigation of Performance and Emissions of a Sequential Port Injection Compressed Natural Gas Converted Engine](#)

How Heoy Geok, Taib Iskandar Mohamad, Shahrir Abdullah, Yusoff Ali, Azhari Shamsudeen (National University of Malaysia)

