High Quality Paper Awards

Paper No.	Title	Author (Affiliation)
2014-32-0009 20149009 **The Best Paper Awards**	Advantages and Challenges of Lean Operation of Two-Stroke Engines for Hand-Held Power Tools	Alexander Trattner, Helmut Grassberger, Oliver Schoegl, Stephan Schmidt, Roland Kirchberger, Helmut Eischlseder of Graz University of Technology; Armin Kolmel, Stephan Meyer, Tim Gegg of ANDREAS STIHL AG & Co. KG
2014-32-0133 20149133 **The Best Paper Awards**	Evaluation of NOx Production Rate in Diesel Combustion Based on Measurement of Time Histories of NOx Concentrations and Flame Temperature	Yuzuru Nada, Yusuke Komatsubara, Thang Pham, Fumiya Yoshii, Yoshiyuki Kidoguchi of The University of Tokushima
2014-32-0003 20149003	Molecular Structure of Hydrocarbons and Auto-Ignition Characteristics of HCCI Engines	Gen Shibata, Ryota Kawaguchi, Soumei Yoshida, Hideyuki Ogawa of Hokkaido University
2014-32-0044 20149044	Development of High Strength, High Thermal Conductivity Cold Sprayed Coatings to Improve Thermal Management in Hybrid Motorcycles	Simone Vezzu of Veneto Nanotech; Carlo Cavallini, Silvano Rech, Enrico Vedelago, Alessandro Giorgetti of Universita Degli Studi Guglielmo Marconi
2014-32-0050 20149050	Development of Temperature Estimation Method of Whole Engine Considering Heat Balance under Vehicle Running Conditions	Tomokazu Nomura, Koichiro Matsushita, Yoshihiko Fujii, Hirofumi Fujiwara of Honda R&D Co., Ltd.
2014-32-0052 20149052	Friction Measurement of Al-17%Si Monolithic Cylinder with using Newly Developed Floating Liner Device	Tatsuhiko Sato, Hirotaka Kurita of Yamaha Motor Co., Ltd; Akemi Ito, Hideyuki Iwasaki of Tokyo City University
2014-32-0065 20149065	Application of Engine Load Estimation Method Using Crank Angular Velocity Variation to Spark Advance Control	Ryosuke Ibata, Hirotaka Kawatsu,Tetsuya Kaneko, Kenji Nishida of Honda R&D Co., Ltd.
2014-32-0108 20149108	A Potentially of Dedicated EGR in SI Engines Fueled by Natural Gas for Improving Thermal Efficiency and Reducing NOx Emission	Sejun Lee, Kyohei Ozaki, Norimsas Iida of Keio University; Takahiro Sako of Osaka Gas Co., Ltd.

High Quality Paper Awards

Paper No.	Title	Author (Affiliation)
2014-32-0119 20149119	Acoustic Simulation of Vehicle Exhaust System Using High Order Transfer Matrix Method Coupled with Finite Element Method	Diego Copiello, Ze Zhou, Gregory Lielens of Free Field Technologies, MSC Software Co.
2014-32-0122 20149122	Assessment of Experimental Validation of a 3D Acoustic Model of a Motorcycle Muffler	Andrea Fioravanti, Giulo Lenzi, Giovanni Vichi, Giovanni Ferrara of the University of Florence; Stefano Ricci, Leonardo Bagnoli of Ducati Motor Holding SpA

Best Presentation Awards

Paper No.	Title	Author (Affiliation)
2014-32-0014 20149014	Control of a Low Cost Range Extender for L1e Class PHEV Two-Wheelers	Hans-Juergen Schacht, Graz University of Technology
2014-32-0050 20149050	Development of Temperature Estimation Method of Whole Engine Considering Heat Balance under Vehicle Running Conditions	Tomokazu Nomura, Honda R&D Co., Ltd
2014-32-0105 20149105	Study on Combustion Noise in Small General Purpose Engines	Atsushi Maruyama, Honda R&D Co., Ltd.
2014-32-0119 20149119	Acoustic Simulation of Vehicle Exhaust System using High Order Transfer Matrix Method Coupled with Finite Element Method	Diego Copiello, Free Field Technologies, MSC Software Co.
2014-32-0121 20149121	Design Method of Motorcycle Exhaust Sound Fitting to Vehicle Concept Regardless of Engine Configurations	Kazuhiko Tanaka, Honda R&D Co., Ltd.

Student Poster Awards

1st Place – Helmut Grassberger, Graz University of Technology
2nd Place – Martin Strickner, Graz University of Technology
3rd Place – Joseph Ausserer, Wright-Patterson Air Force Base