The Best Paper Award

Paper No.	Title	Author (Affiliation)
20229027 /2022-32-0027	Hot Surface Assisted Compression Ignition (HSACI) as an Approach to Extend the Operating Limits of a Natural Gas Fueled HCCI Engine	Joern Alexander Judith (Karlsruhe University)

Congratulations!

High Quality Paper Awards (1/3)

Paper No.	Title	Author (Affiliation)
20229015 /2022-32-0015	Study on Influence of tailored In-cylinder Flow on HCCI Combustion in a Rapid Compression and Expansion Machine	Yiwen Zhong (Chiba University)
20229018 /2022-32-0018	Efficiency Increase of a Conventional ICE Powertrain with CVT by 48V-Hybridization with Focus on L-Category Powersport Applications	Alexander Hagenberger (Graz University of Technology)
20229025 /2022-32-0025	Experimental and simulative transient behavior investigation of a hybrid powertrain hand-held tool	Dimitrios Vogiatzis (TU Graz)

High Quality Paper Awards (2/3)

Paper No.	Title	Author (Affiliation)
20229046 /2022-32-0046	Development of Simulation Model for Estimating Loads Applied to Scooter Frame when Traveling on Rough Roads	Tetsuharu Maruyama (Honda Motor Co., Ltd.)
20229050 /2022-32-0050	Development of DPF regeneration system under all operating conditions for generators	Daichi Kato (KUBOTA Corporation)
20229051 /2022-32-0051	Extension of the Lean Limit of Gasoline Engines Under Part Load by Using Hot Surface Assisted Spark Ignition (HSASI)	Sascha Holzberger (Karlsruhe University)

High Quality Paper Awards (3/3)

Paper No.	Title	Author (Affiliation)
20229070 /2022-32-0070	Effects of ignition timing and fuel chemical composition on auto-ignition behavior and knocking characteristics under lean conditions	Kaede Shirane (Nihon University)
20229073 /2022-32-0073	Effect of Blended Fuel of Hydrotreated Vegetable Oil and Fatty Acid Methyl Ester on Spray and Combustion Characteristics	Shoi Koshikawa (Doshisha University)
20229095 /2022-32-0095	Improvements of Combustion and Emissions in a Natural Gas Fueled Engine with Hydrogen Enrichment and Optimized Injection Timings of Diesel Fuel	Yoshimitsu Kobashi (Okayama University)

High Quality Presentation Awards for Technical Paper

Paper No.	Title	Presenter (Affiliation)
20229012 /2022-32-0012	Experimental Analysis of a Uniflow Scavenged Two-Stroke Concept	Stephan Schmidt (Graz University of Technology)
20229015 /2022-32-0015	Study on Influence of Tailored In-cylinder Flow on HCCI Combustion in a Rapid Compression and Expansion Machine	Yiwen Zhong (Chiba University)
20229016 /2022-32-0016	Developmen of Light-weight, Low-noise Exhaust Muffler Using a Laminated Structure for the Muffler Shell	Junichiro Suzuki (Honda Motor Co., Ltd)
20229028 /2022-32-0028	Development of a Rotary Valve Engine for Handheld Equipment	Norman H. Garrett (University of North Carolina – Charlotte)
20229089 /2022-32-0089	Chemical Kinetic Analysis with Two-Zone Model on Spark Knock Suppression Effects with Hydrogen Addition at Low and High Engine Speeds	Jun Goto (Yamaha Motor Co., Ltd., Hokkaido University)

High Quality Presentation Awards for NPT Paper

Paper No.	Title	Presenter
NPT2022-009	Introduce of eGX, 2-kW-class packaged multipurpose electric power unit powered by removable lithium-ion battery	Shunsuke Sawasaki (Honda R&D Co., Ltd.)
NPT2022-011	Development of 2021 MT-09	Nobuyuki Miyoshi (YAMAHA MOTOR CO.LTD.)
NPT2022-017	Development of NT1100	Tasuku Oyama (Honda Motor Co., Ltd.)

The Best Poster Award

Poster No.	Title	Presenter (Affiliation)
4	Numerical Study on the Effect of Injection Timing on Mixture Formation in Jet-Plume-Controlled Direct-Injection Near-zero Emission Hydrogen Engines	Tatsuro Kichima (Advanced Research Lab., Tokyo City University)