

SETC2013 Session Timetable

(20minute-presentation & 10minute-discussion / each paper)

October 8th Tuesday	9:00-10:30	Opening Ceremony & Keynote Speech (at Room 201BCDE, 2F)				
	10:30-11:00	Coffee Break				
	Room	201A	201F	102	103	
	11:00-12:00	Alternative Fuels I Chair : H. Omote	Engine Components I Chair : T. Kobayashi	Engine Technology I Chair : H. Okumura	Fuel Supply Systems I Chair : M. Iida	
		Co-Chair : M. Bertsch	Co-Chair : K. Fosaaen	Co-Chair : N. Mavinahally	Co-Chair : R. Kee	
		20139038/2013-32-9038	20139016/2013-32-9016	20139015/2013-32-9015	20139047/2013-32-9047	
		20139059/2013-32-9059	20139073/2013-32-9073	20139104/2013-32-9104	20139122/2013-32-9122	
	12:00-13:30	Lunch (at Banquet Hall, 3F)				
	Room	201A	201B	201C	201D	201E
	13:30-15:30	Alternative Fuels II Chair : H. Omote	Two Stroke Engine Chair : Y. Motoyama	Engine Technology II Chair : H. Okumura	Fuel Supply Systems II Chair : M. Iida	Measurement & Simulation I Chair : T. Okazaki
Co-Chair : S. Frigo		Co-Chair : B. Callahan	Co-Chair : N. Mavinahally	Co-Chair : R. Kee	Co-Chair : S. Schmidt	
20139080/2013-32-9080		20139036/2013-32-9036	20139032/2013-32-9032	20139128/2013-32-9128	20139023/2013-32-9023	
20139097/2013-32-9097		20139078/2013-32-9078	20139060/2013-32-9060	20139126/2013-32-9126	20139124/2013-32-9124	
20139115/2013-32-9115		20139133/2013-32-9133	20139081/2013-32-9081	20139167/2013-32-9167	20139125/2013-32-9125	
	20139131/2013-32-9131	20139143/2013-32-9143	20139084/2013-32-9084		20139127/2013-32-9127	
15:30-16:00	Coffee Break, Brief Presentation of Poster Session					
16:00-18:00	Materials I Chair : H. Kurita	Diesel Engine Chair : T. Maeda	Engine Technology III Chair : M. Nakagawa	Hybrids, Electric Drives & Fuel Cells I Chair : Y. Muramatsu	Measurement & Simulation II Chair : S. Fujii	
	Co-Chair : K. Fosaaen	Co-Chair : B. Callahan	Co-Chair : S. Frigo	Co-Chair : G. Bower	Co-Chair : S. Schmidt	
	20139012/2013-32-9012	20139021/2013-32-9021	20139105/2013-32-9105	20139006/2013-32-9006	20139034/2013-32-9034	
	20139110/2013-32-9110	20139022/2013-32-9022	20139160/2013-32-9160	20139009/2013-32-9009	20139043/2013-32-9043	
	20139049/2013-32-9049	20139103/2013-32-9103	20139161/2013-32-9161	20139018/2013-32-9018	20139044/2013-32-9044	
	20139029/2013-32-9029	20139112/2013-32-9112	20139114/2013-32-9114	20139035/2013-32-9035	20139096/2013-32-9096	
October 9th Wednesday	8:30-10:00	Alternative Fuels III Chair : Yuh-Yih Wu	Lubricants Chair : H. Kurita	Engine Technology IV Chair : S. Chiba	Collegiate Events Chair : T. Mitome	Measurement & Simulation III Chair : T. Okazaki
		Co-Chair : K. Beck	Co-Chair : B. Dohner	Co-Chair : N. Mavinahally	Co-Chair : G. Bower	Co-Chair : S. Schmidt
		20139174/2013-32-9174			20139100/2013-32-9100	20139079/2013-32-9079
		20139134/2013-32-9134	20139033/2013-32-9033	20139169/2013-32-9169	20139118/2013-32-9118	20139162/2013-32-9162
		20139156/2013-32-9156	20139063/2013-32-9063	20139093/2013-32-9093	20139176/2013-32-9176	20139157/2013-32-9157
10:00-10:30	Coffee Break, Brief Presentation of Poster Session					
10:30-12:00	Materials II Chair : Le-Min Wang	Engine Components II Chair : T. Kobayashi	Engine Controls I Chair : M. Uno	Hybrids, Electric Drives & Fuel Cells II Chair : Jung-Ho Chen	Advanced Combustion I Chair : K. Yoshida	
	Co-Chair : S. Gurchinoff	Co-Chair : F. Auriemma	Co-Chair : T. Raatz	Co-Chair : G. Bower	Co-Chair : K. Fosaaen	
	20139046/2013-32-9046	20139102/2013-32-9102	20139041/2013-32-9041	20139132/2013-32-9132	20139002/2013-32-9002	
	20139082/2013-32-9082	20139163/2013-32-9163	20139061/2013-32-9061	20139071/2013-32-9071	20139030/2013-32-9030	
	20139111/2013-32-9111	20139068/2013-32-9068	20139037/2013-32-9037	20139072/2013-32-9072	20139144/2013-32-9144	
12:00-13:30	Lunch (at Banquet Hall, 3F)					
13:30-15:30	Emissions I Chair : H. Deguchi	HCCI I Chair : Y. Moriyoshi	Engine Controls II Chair : M. Uno	Hybrids, Electric Drives & Fuel Cells III Chair : Y. Muramatsu	Advanced Combustion II Chair : K. Yoshida	
	Co-Chair : K. Beck	Co-Chair : M. Bertsch	Co-Chair : T. Raatz	Co-Chair : G. Bower	Co-Chair : K. Fosaaen	
	20139058/2013-32-9058	20139031/2013-32-9031	20139062/2013-32-9062	20139119/2013-32-9119	20139116/2013-32-9116	
	20139050/2013-32-9050	20139054/2013-32-9054	20139042/2013-32-9042	20139045/2013-32-9045	20139117/2013-32-9117	
	20139052/2013-32-9052	20139098/2013-32-9098	20139040/2013-32-9040	20139120/2013-32-9120	20139123/2013-32-9123	
	20139055/2013-32-9055	20139166/2013-32-9166	20139066/2013-32-9066	20139087/2013-32-9087		
15:30-15:45	Coffee Break					
15:45-18:05	Plenary Session "Motorcycles in Asian Region" (at Room102, 1F)					
October 10th Thursday	8:30-10:00	Emissions II Chair : H. Deguchi	HCCI II Chair : T. Shiozaki	Engine Controls III Chair : T. Mitome	Vehicle Dynamics & Safety I Chair : M. Baba	
		Co-Chair : K. Beck	Co-Chair : R. Gentili	Co-Chair : T. Raatz	Co-Chair : B. Dohner	
		20139057/2013-32-9057				
		20139053/2013-32-9053	20139070/2013-32-9070	20139065/2013-32-9065	20139026/2013-32-9026	
		20139064/2013-32-9064	20139083/2013-32-9083	20139003/2013-32-9003	20139106/2013-32-9106	
10:00-10:30	Coffee Break, Brief Presentation of Poster Session					
10:30-12:00	Emissions III Chair : H. Deguchi	HCCI III Chair : T. Shiozaki	Engine Controls IV Chair : Bo-Chiuan Chen	Vehicle Dynamics & Safety II Chair : M. Baba	NVH Technology Chair : T. Okazaki	
	Co-Chair : K. Beck	Co-Chair : B. Callahan	Co-Chair : T. Raatz	Co-Chair : R. Kee	Co-Chair : R. Kirchberger	
	20139091/2013-32-9091	20139069/2013-32-9069	20139007/2013-32-9007	20139165/2013-32-9165	20139001/2013-32-9001	
	20139130/2013-32-9130	20139171/2013-32-9171	20139020/2013-32-9020	20139173/2013-32-9173	20139148/2013-32-9148	
	20139150/2013-32-9150	20139172/2013-32-9172	20139094/2013-32-9094	20139175/2013-32-9175	20139164/2013-32-9164	
12:00-14:00	Lunch, Award & Closing Ceremony (at Banquet Hall, 3F)					

October 8th Tuesday
11:00 - 12:00

Room.	201A
Session	Alternative Fuels I
Chair (Affiliation) co-chair (Affiliation)	Hiroshi Omote (LEMA / YANMAR Co., Ltd.) Markus Bertsch (MOT GmbH)

Paper No.(JSAE/SAE)	20139038 / 2013-32-9038
Paper title	Diesel Fuel by Scrap-Tyre Thermal-Mechanical Pyrolysis
Author (Affiliation)	Stefano Frigo, Roberto Gentili, Maurizia Seggiani, Monica Puccini (University of Pisa)

Paper No.(JSAE/SAE)	20139059 / 2013-32-9059
Paper title	Study on Operation Characteristics of Gasohol Biofuel in Motorcycle Engine
Author (Affiliation)	Yuh-Yih Wu, Jhih-Si Syu, Meng-Chieh Li (National Taipei University of Technology), Zong-Da Lin (Industrial Technology Research Institute)

Room.	201F
Session	Engine Components I
Chair (Affiliation) co-chair (Affiliation)	Toshimi Kobayashi (Kawasaki Heavy Industries, Ltd.) Ken Fosaaen (Fosaaen Technologies, LLC.)

Paper No.(JSAE/SAE)	20139016 / 2013-32-9016
Paper title	Design Methodology and Advantages of Centrifugal Type Decompression Device of Engine
Author (Affiliation)	Pochun Liu, Chih-Wen Yu and Yuwei Ning (Sanyang Industry Co., Ltd)

Paper No.(JSAE/SAE)	20139073 / 2013-32-9073
Paper title	Experimental Investigations of Forced Air Cooling for Continuously Variable Transmission (CVT)
Author (Affiliation)	Abhishek Lakhanlal Vaishya, Sachin Phadnis (TVS Motor Company Limited)

Room.	102
Session	Engine Technology I
Chair (Affiliation) co-chair (Affiliation)	Hideyuki Okumura (JMIA / Yamaha Motor Co., Ltd.) Nagesh Mavinahally (Mavin Tech, LLC.)

Paper No.(JSAE/SAE)	20139015 / 2013-32-9015
Paper title	High Performance Characteristics of a Motorcycle Powered by a Four-Stroke Small 50cc-125cc Engine at the Expense of a Positive Displacement Air Compressor as a Supercharger
Author (Affiliation)	Konstantin Evgenievich Starodetko , Simon Simand, Tcheslav Bronislavovich Drobychevskj, Vladimir Jurievich Belyaev, Konstantin Nikolaevich Yurchuk (International Academy of Information Technologies), Aliaksandr Aliaksandrovich Vitsiaz (Bereza Motor Rebuilt Plant), Dmitry Vasilievich Kuzmenkov (Tascotrade Company)

Paper No.(JSAE/SAE)	20139104 / 2013-32-9104
Paper title	Development of New Industrial Spark Ignited Bi-Fuel Engine
Author (Affiliation)	Koji Fujimura, Shinji Kishi, Takeshi Kawasaki, Takahiro Tokunaga, Kentaro Shiraiishi (KUBOTA Corporation)

Room.	103
Session	Fuel Supply Systems I
Chair (Affiliation) co-chair (Affiliation)	Minoru Iida (Yamaha Motor Co., Ltd.) Robert Kee (Queen's University of Belfast)

Paper No.(JSAE/SAE)	20139047 / 2013-32-9047
Paper title	Development of Plastic Fuel Hose with Pressure Pulsation Reduction
Author (Affiliation)	Kota Nakauchi, Atsushi Ito, Takeshi Ohara, Hideaki Kato, Hisayoshi Ogura, Shosuke Suzuki (Honda R&D Co., Ltd., Motorcycle R&D Center)

Paper No.(JSAE/SAE)	20139122 / 2013-32-9122
Paper title	Evaluation of value proposition and interactive features for motorcycles with electronic fuel injection for Indian market
Author (Affiliation)	Pradeep R, Pramod R, Ajay Shetty, Prabhu Panduranga M. (Robert Bosch India Limited)

October 8th Tuesday
13:30 – 15:30

Room.	201A
Session	Alternative Fuels II
Chair (Affiliation)	Hiroshi Omote (LEMA / YANMAR Co., Ltd.)
co-chair (Affiliation)	Stefano Frigo (University of Pisa)

Paper No.(JSAE/SAE)	20139080 / 2013-32-9080
Paper title	Combustion Characteristics of a DI Diesel Engine with Short and Medium Chain Saturated Fatty Acid Methyl Esters
Author (Affiliation)	Eiji Kinoshita, Kazuyo Fushimi (Kagoshima University), Yasufumi Yoshimoto (Niigata Institute of Technology)

Paper No.(JSAE/SAE)	20139097 / 2013-32-9097
Paper title	Effect of Butanol Isomer on Diesel Combustion Characteristics of Butanol/Gas Oil Blend
Author (Affiliation)	Kazuyo Fushimi, Eiji Kinoshita (Kagoshima University), Yasufumi Yoshimoto (Niigata Institute of Technology)

Paper No.(JSAE/SAE)	20139115 / 2013-32-9115
Paper title	Effects of Spark Ignition Timing on Exhaust Gas Component and Temperature with Wood Biomass Gasifier
Author (Affiliation)	Hiroshi Enomoto, Hirotaka Nozue, Noboru Hieda (Kanazawa University)

Paper No.(JSAE/SAE)	20139131 / 2013-32-9131
Paper title	Optimization of Waste Chicken Fat Pre-Treatment Process for Biodiesel Production
Author (Affiliation)	Naresh Kumar Gurusala, Arul Mozhi Selvan V, Ajay Balan, Shreyas Athreya (National Institute of Technology, Tiruchirappalli, Tamil Nadu)

Room.	201B
Session	Two Stroke Engine
Chair (Affiliation)	Yuh Motoyama (Yamaha Motor Co., Ltd.)
co-chair (Affiliation)	Brian Callahan (Achates Power & Basco)

Paper No.(JSAE/SAE)	20139036 / 2013-32-9036
Paper title	Development of Test Bench and Characterization of Performance in Small Internal Combustion Engines
Author (Affiliation)	Joseph K. Ausserer, Paul J. Litke (United States Air Force), Alexander Rowton, Marc Polanka (University of Dayton Research Institute), Alexander Rowton, Marc Polanka (Air Force Institute of Technology), Keith Grinstead (Innovative Scientific Solutions Incorporated)

Paper No.(JSAE/SAE)	20139078 / 2013-32-9078
Paper title	Engine Scavenging Tuning for In-Field Product Expectations of a 45cc Stratified Two-Stroke Power Head
Author (Affiliation)	M Bergman, R Sundkvist (Husqvarna AB)

Paper No.(JSAE/SAE)	20139133 / 2013-32-9133
Paper title	An Innovative Two-Stroke Twin-Cylinder Engine Layout for Range Extending Application
Author (Affiliation)	A. Abis, F. Winkler, C. Schwab, R. Kirchberger, H. Eichlseder (Graz University of Technology)

Paper No.(JSAE/SAE)	20139143 / 2013-32-9143
Paper title	Is a High Pressure Direct Injection System a Solution to Reduce Exhaust Gas Emissions in a Small Two-Stroke Engine?
Author (Affiliation)	Markus Bertsch, Kai W. Beck, Thomas Matousek, Ulrich Spicher (MOT GmbH)

October 8th Tuesday
13:30 – 15:30

Room.	201C
Session	Engine Technology II
Chair (Affiliation) co-chair (Affiliation)	Hideyuki Okumura (JMIA/Yamaha Motor Co., Ltd.) Nagesh Mavinahally (Mavin Tech, LLC.)

Paper No.(JSAE/SAE)	20139032 / 2013-32-9032
Paper title	Extension of Lean Burn Range by Intake Valve Offset
Author (Affiliation)	Hideki Saito, Takamori Shirasuna, Tomokazu Nomura (Honda R&D Co., Ltd.)

Paper No.(JSAE/SAE)	20139060 / 2013-32-9060
Paper title	An Investigation on Cranking Torque Reduction for Four-Stroke Motorcycle Engine
Author (Affiliation)	Yong-Jing Zou, Yuh-Yih Wu, Yao-Chung Liang, Hsin-Hong Lin (National Taipei University of Technology)

Paper No.(JSAE/SAE)	20139081 / 2013-32-9081
Paper title	Numerical Investigations of Overexpanded Cycle and Exhaust Gas Recirculation for a Naturally Aspirated Lean Burn Engine
Author (Affiliation)	Denis Neher, Maurice Kettner, Fino Scholl (University of Applied Sciences Karlsruhe), Markus Klaisle, Danny Schwarz (SenerTec Kraft-Wärme-Energiesysteme GmbH), Blanca Giménez Olavarria (University of Valladolid)

Paper No.(JSAE/SAE)	20139084 / 2013-32-9084
Paper title	Development of an Novel Non-eccentric Rotational Engine "Ishino Engine" (Fundamental Configuration and Characteristics)
Author (Affiliation)	Yojiro Ishino, Keisuke Teshima, Hiroyuki Fujii, Yusaku Yamamoto, Yu Saiki (Nagoya Institute of Technology)

Room.	201D
Session	Fuel Supply Systems II
Chair (Affiliation) co-chair (Affiliation)	Minoru Iida (Yamaha Motor Co., Ltd.) Robert Kee (Queen's University of Belfast)

Paper No.(JSAE/SAE)	20139128 / 2013-32-9128
Paper title	Evaluating the behavior of carbureted engines using a fast response fuel consumption measurement device with minor impact on engine characteristics
Author (Affiliation)	Jürgen Tromayer, Gerd Neumann, Alexander Trattner, Roland Kirchberger (Graz University of Technology), Hans van den Hoevel(AVL Deutschland)

Paper No.(JSAE/SAE)	20139126 / 2013-32-9126
Paper title	Spray Characteristics of Local-contact Microwave-heating Injector Fueled with Ethanol
Author (Affiliation)	Lukas Kano Mangalla, Hiroshi Enomoto (Kanazawa University)

Paper No.(JSAE/SAE)	20139167 / 2013-32-9167
Paper title	Measurement of fuel liquid film under the different injection pressure
Author (Affiliation)	Keiji Muramatsu, Kenji Yamamoto, Naoki Jinno, Kenjiro Nakama (SUZUKI MOTOR CORPORATION), Shinya Okamoto, Tsuneaki Ishima (Gunma University)

October 8th Tuesday
13:30 – 15:30

Room.	201E
Session	Measurement & Simulation I
Chair (Affiliation) co-chair (Affiliation)	Tadao Okazaki (LEMA / Kubota Corporation) Stephan Schmidt (Graz University of Technology)
Paper No.(JSAE/SAE)	20139023 / 2013-32-9023
Paper title	A Comparative Study on Map Based and Closed Loop Simulation Model of Coolant Circuit for a Two Wheeler Liquid Cooled Engine
Author (Affiliation)	N. Karthikeyan, Anish Gokhale (Mahindra 2 Wheelers Limited)
Paper No.(JSAE/SAE)	20139124 / 2013-32-9124
Paper title	Real World Operation of a Standard Lawn Mower Engine from a Scientific Perspective
Author (Affiliation)	Hermann Edtmayer, Alexander Trattner, Stephan Schmidt, Roland Kirchberger (Graz University of Technology) Jakob Trentini, Johann Weiglhofer (Viking GmbH)
Paper No.(JSAE/SAE)	20139125 / 2013-32-9125
Paper title	Start/Stop Strategies for Two-Wheelers in the Emerging Markets
Author (Affiliation)	Bernd Heinzmann, Simon Scholz (Robert Bosch GmbH) Pramod R, Prashanth Anantha (Bosch India Ltd)
Paper No.(JSAE/SAE)	20139127 / 2013-32-9127
Paper title	Development of a Thermal Model within a Complete Vehicle Simulation for Motorcycles and Powersport Applications
Author (Affiliation)	P. Rieger, J. Girstmair, St. Schmidt, R. Almbauer, R. Kirchberger (Graz University of Technology)

October 8th Tuesday
 16:00 – 18:00

Room.	201A
Session	Materials I
Chair (Affiliation) co-chair (Affiliation)	Hiroataka Kurita (Yamaha Motor Co., Ltd.) Ken Fosaaen (Fosaaen Technologies, LLC)

Paper No.(JSAE/SAE)	20139012 / 2013-32-9012
Paper title	High Performance Polymers for Small Engine Applications
Author (Affiliation)	Stephen Gurchinoff, Duane Fish, Brian Stern (Solvay Specialty Polymers)

Paper No.(JSAE/SAE)	20139110 / 2013-32-9110
Paper title	Creep Resistance of 2024 Aluminum Alloy
Author (Affiliation)	Le Min Wang, Chih-Jrn Tsai (National Defense University)

Paper No.(JSAE/SAE)	20139049 / 2013-32-9049
Paper title	Corrosion resistance improvement technology of anodic oxide films on aluminum alloy that uses a lithium hydroxide solution
Author (Affiliation)	Masahiro Fujita, Hiroomi Tanaka, Hitoshi Muramatsu (SUZUKI MOTOR CORPORATION), Sachiko Ono, Hidetaka Asoh (Kogakuin University)

Paper No.(JSAE/SAE)	20139029 / 2013-32-9029
Paper title	Suction flow improvement of Plasma spray cylinder in Outboard Motor
Author (Affiliation)	Hideya Kumagai (Yamaha Motor Co., Ltd.)

Room.	201B
Session	Diesel Engine
Chair (Affiliation) co-chair (Affiliation)	Takeshi Maeda (Honda R&D Co.,Ltd.) Brian Callahan (Achates Power & Basco)

Paper No.(JSAE/SAE)	20139021 / 2013-32-9021
Paper title	Effect of Spray/Wall Interaction on Diesel Combustion and Soot Formation in Two-Dimensional Piston Cavity
Author (Affiliation)	Kuichun Li, Masaki Ido, Yoichi Ogata, Keiya Nishida, Baolu Shi (University of Hiroshima), Daisuke Shimo (Mazda Motor Corporation)

Paper No.(JSAE/SAE)	20139022 / 2013-32-9022
Paper title	Combustion Characteristics of Emulsified Blends of Water and Diesel Fuel in a Diesel Engine with Cooled EGR and Pilot Injection
Author (Affiliation)	Hideyuki Ogawa, Gen Shibata and Takaki Kato (Hokkaido University), Hari Setiaprada (The agency for assessment and application of technology), Kosuke Hara (YANMAR Co., Ltd.)

Paper No.(JSAE/SAE)	20139103 / 2013-32-9103
Paper title	CFD Modeling of a Turbo-charged Common-rail Diesel Engine
Author (Affiliation)	Guan-Jhong Wang, Chia-Jui Chiang, Yu-Hsuan Su (National Taiwan University of Science and Technology), Yong-Yuan Ku (Automotive Research and Testing Center)

Paper No.(JSAE/SAE)	20139112 / 2013-32-9112
Paper title	Study on Combustion and Soot Emission of Ethanol or Butanol Blended with Gas Oil in a Direct Injection Diesel Engine
Author (Affiliation)	Shohei Yamamoto, Shotaro Watanabe, Keisuke Komada, Daisaku Sakaguchi, Hironobu Ueki, Masahiro Ishida (Nagasaki University)

October 8th Tuesday
 16:00 – 18:00

Room.	201C
Session	Engine Technology III
Chair (Affiliation) co-chair (Affiliation)	Michihisa Nakagawa (Kawasaki Heavy Industries, Ltd.) Stefano Frigo (University of Pisa)

Paper No.(JSAE/SAE)	20139105 / 2013-32-9105
Paper title	Investigation on Friction Behaviour of a Single Cylinder Gasoline Engine
Author (Affiliation)	T Sukumaran Vipin, Joseph Sumith, Allwyn Dias, K Chandra Reddy, S Saju, Mohan D Umate (TVS Motor Company Ltd.)

Paper No.(JSAE/SAE)	20139160 / 2013-32-9160
Paper title	The Numerical Investigation on the Performance of Rotary Engine with Leakage, Different Fuels and Recess Sizes
Author (Affiliation)	Dun-Zen Jeng, Ming-June Hsieh, Chih-Chuan Lee (Chung-Shan Institute of Science and Technology), Yu Han (National Chung Hsing University)

Paper No.(JSAE/SAE)	20139161 / 2013-32-9161
Paper title	The Intake and Exhaust Pipe Effect on Rotary Engine Performance
Author (Affiliation)	Dun-Zen Jeng, Ming-June Hsieh, Chih-Chuan Lee (Chung-Shan Institute of Science and Technology), Yu Han (National Chung Hsing University)

Paper No.(JSAE/SAE)	20139114 / 2013-32-9114
Paper title	Effects of EGR on Knock-level of Small Spark Ignition Engine with Gasoline-base Kerosene-mixed Fuel
Author (Affiliation)	Hiroshi Enomoto, Hirotaka Nozue, Noboru Hieda (Kanazawa University)

Room.	201D
Session	Hybrids, Electric Drives & Fuel Cells I
Chair (Affiliation) co-chair (Affiliation)	Yasuyuki Muramatsu (Yamaha Motor Co., Ltd.) Glenn Bower (University of Wisconsin-Madison)

Paper No.(JSAE/SAE)	20139006 / 2013-32-9006
Paper title	Development of a New Regenerative Braking System
Author (Affiliation)	Takahiro Noyori, Setsuko Komada, Hirobumi Awakawa (SUZUKI MOTOR CORPORATION)

Paper No.(JSAE/SAE)	20139009 / 2013-32-9009
Paper title	Design and Analysis of Single-cylinder 22 HP Hybrid Powertrain for Motorcycles
Author (Affiliation)	Chun-Hsien Wu, Wei-Ming Su, Pei-Jen Wang (National Tsing Hua University)

Paper No.(JSAE/SAE)	20139018 / 2013-32-9018
Paper title	Adaptive-Learning Regeneration Controller Design for Electric Vehicles
Author (Affiliation)	Chien-An Chen, Ming-Chih Lin (Automotive Research & Testing Center)

Paper No.(JSAE/SAE)	20139035 / 2013-32-9035
Paper title	A Research on the Application Layer Protocols of Wireless Communication of Electric Vehicle
Author (Affiliation)	Yen-Chun Lai (Automotive Research & Testing Center)

October 8th Tuesday
16:00 - 18:00

Room.	201E
Session	Measurement & Simulation II
Chair (Affiliation) co-chair (Affiliation)	Sigeru Fujii (Yamaha Motor Co., Ltd.) Stephan Schmidt (Graz University of Technology)
Paper No.(JSAE/SAE)	20139034 / 2013-32-9034
Paper title	Stress prediction of engine components resulting from an engine vibration
Author (Affiliation)	Masahiro Akei, Kouich Kouzato, Toshiyuki Uyama (YANMAR Co.,Ltd.)
Paper No.(JSAE/SAE)	20139043 / 2013-32-9043
Paper title	Development of Strength Analysis Method for Off-Road Motorcycle Radiator Assembly
Author (Affiliation)	Masakazu Yamaya, Akihiro Chiba, Yuuki Murayama (Yamaha Motor Co., Ltd.)
Paper No.(JSAE/SAE)	20139044 / 2013-32-9044
Paper title	Application of FEM Analysis Using Loads Predicted from Strain Measurement in Motorcycle Frame Development
Author (Affiliation)	Mitsuo Hirai, Takashi Ueno, Youhei Iwaki, Shojiro Oohama (Yamaha Motor Co., Ltd.)
Paper No.(JSAE/SAE)	20139096 / 2013-32-9096
Paper title	Development of Estimation for Strain in Damages of Motorcycle Engine Parts When Tipped Over from Stationary State
Author (Affiliation)	Shigesato Nakamura, Hisayoshi Ogura, Kota Noguchi, Yasuhiro Miyazaki (Honda R&D Co., Ltd.)

October 9th Wednesday
8:30 - 10:00

Room.	201A
Session	Alternative Fuels III
Chair (Affiliation) co-chair (Affiliation)	Yuh-Yih Wu (National Taipei University of Technology.) Kai W. Beck (MOT GmbH)

Paper No.(JSAE/SAE)	20139174 / 2013-32-9174
Paper title	An Application of Cellulosic Liquefaction Fuel for Diesel Engine -Improvement of Fuel Property by Cellulosic Liquefactionwith Plastics -
Author (Affiliation)	Kohei Suzuki, Akira Iijima, Hideo Shoji, Koji Yoshida (Nihon University)

Paper No.(JSAE/SAE)	20139134 / 2013-32-9134
Paper title	The Feasibility Study of Low-concentration Butanol as Fuel on Motorcycle
Author (Affiliation)	Ta-Chuan Liu, Zong-Da Lin, Chia-Yun Yeh, Yun-Yang Chen (Industrial Technology Research Institute)

Paper No.(JSAE/SAE)	20139156 / 2013-32-9156
Paper title	Development of Alternative Fuel Content Estimation Method and Apparatus
Author (Affiliation)	Masayoshi Uno, Takashi Abe, Shinichi Kuratani (Kawasaki Heavy Industries, Ltd.)

9:00 - 10:00

Room.	201B
Session	Lubricants
Chair (Affiliation) co-chair (Affiliation)	Hiroataka Kurita (Yamaha Motor Co., Ltd.) Brent Dohner (The Lubrizol Corporation)

Paper No.(JSAE/SAE)	20139033 / 2013-32-9033
Paper title	Highly Efficient Lubricant for Sport Motorcycle Application –Fuel Economy and Durability Testing
Author (Affiliation)	Gianluigi Zoli, May Turner, Cliff Newman (Castrol Ltd.)

Paper No.(JSAE/SAE)	20139063 / 2013-32-9063
Paper title	Improving Fuel Efficiency of Motorcycle Oils
Author (Affiliation)	Brent Dohner, Alex Michlberger, Chris Castanien (The Lubrizol Corporation), Ananda Gajanayake (Lubrizol Japan Ltd.), Sumitaka Hirose (Honda R&D Co., Ltd.)

9:00 - 10:00

Room.	201C
Session	Engine Technology IV
Chair (Affiliation) co-chair (Affiliation)	Shosaku Chiba (Honda R&D Co., Ltd.) Nagesh Mavinahally (Mavin Tech, LLC.)

Paper No.(JSAE/SAE)	20139169 / 2013-32-9169
Paper title	Predictive Simulation of PFI Engine Combustion and Emission
Author (Affiliation)	Hisashi Goto, Takeshi Morikawa, Mineo Yamamoto, Minoru Iida (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139093 / 2013-32-9093
Paper title	Investigation on the Re-starting Characteristics of a Motorcycle Engine Performing an Idle-stop Approach
Author (Affiliation)	Rong Fang Horng, Chiu Wei Cheng, Wu Dong Han, Liao Cheng Hsun, Yo Fu Peng (Kun Shan University), Tsai Chien Hsiung, Tseng Chyuan Yow (Pingtung University of Science and Technology)

October 9th Wednesday

8:30 - 10 :00

Room.	201D
Session	Collegiate Events
Chair (Affiliation) co-chair (Affiliation)	Takashi Mitome (SUZUKI MOTOR CORPORATION) Glenn R. Bower (The University Wisconsin Madison)

Paper No.(JSAE/SAE)	20139100 / 2013-32-9100
Paper title	Aerodynamic design for SR11 (Formula SAE racing car)
Author (Affiliation)	Tetsuya Fujimoto, Takashi Suzuki (Sophia University)

Paper No.(JSAE/SAE)	20139118 / 2013-32-9118
Paper title	Improving the Fuel Economy of Supercharged Engine
Author (Affiliation)	Yoshiki Fukuhara, Naoya Kimata, Takashi Suzuki (Sophia University)

Paper No.(JSAE/SAE)	20139176 / 2013-32-9176
Paper title	Developing Best Available Technology in a Flex-Fuel Snowmobile by using a Lean-Burn Miller Cycle
Author (Affiliation)	Matt Birt, Gregory W. Davis (Kettering University)

8:30 - 10:00

Room.	201E
Session	Measurement & Simulation III
Chair (Affiliation) co-chair (Affiliation)	Tadao Okazaki (LEMA / Kubota Corporation) Stephan Schmidt (Graz University of Technology)

Paper No.(JSAE/SAE)	20139079 / 2013-32-9079
Paper title	CFD Scavenging Simulation & Verification of a Sequentially Stratified Charged Two-Stroke Engine
Author (Affiliation)	M Bergman, N Enander, M Lawenius (Husqvarna AB)

Paper No.(JSAE/SAE)	20139162 / 2013-32-9162
Paper title	Evaluation Method for Motorcycle Mode Fuel Consumption using a One-Dimensional Engine Simulation
Author (Affiliation)	Masahito SAITOU, Kenji INOUE, Motohiko NISHIMURA, Hidekazu IWASAKI, Takashi YOSHIYAMA, Atsushi HISANO and Daisuke SAKOU (Kawasaki Heavy Industries, Ltd)

Paper No.(JSAE/SAE)	20139157 / 2013-32-9157
Paper title	Prediction of the Cavitation Effect on the Flow Around the Outboard Motor Propeller Blade Hydrofoil Section Using CFD
Author (Affiliation)	Akira Kamiya (Yamaha Motor Co., Ltd.)

October 9th Wednesday
 10:30 - 12:00

Room.	201A
Session	Materials II
Chair (Affiliation) co-chair (Affiliation)	Le-Min Wang (National Defense University) Stephen Thomas Gurchinoff (Solvay Specialty Polymers)

Paper No.(JSAE/SAE)	20139046 / 2013-32-9046
Paper title	The effect of surface morphology of cylinder bore surface on anti-scuffing property made by high pressure die-casting process using hyper-eutectic Al-Si alloy
Author (Affiliation)	Takehiro Uhara, Hirotaka Kurita (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139082 / 2013-32-9082
Paper title	Application of Vacuum Assisted Carbide Dispersion Carbonitriding to Connecting Rods
Author (Affiliation)	Tsuyoshi Kubota (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139111 / 2013-32-9111
Paper title	Development of HPDC Alloy for Motorcycle Wheel Using Recycled Aluminum
Author (Affiliation)	Yukihide Fukuda, Masahiko Nakagawa, Toshimitsu Suzuki (Honda R&D Co., Ltd.)

Room.	201B
Session	Engine Components II
Chair (Affiliation) co-chair (Affiliation)	Toshimi Kobayashi (Kawasaki Heavy Industries, Ltd.) Fabio Auriemma (Tallinn University of Technology)

Paper No.(JSAE/SAE)	20139102 / 2013-32-9102
Paper title	Improvement of Powder Metallurgy Gears for Engines and Transmissions
Author (Affiliation)	Paul Skoglund, Ola Litström (Höganäs China Ltd), Dr. Anders Flodin (Höganäs AB)

Paper No.(JSAE/SAE)	20139163 / 2013-32-9163
Paper title	Idle Air Control Valve for the Small Engine Market
Author (Affiliation)	Hong Dian, Chen Kun, Cheng Tao (Continental Automotive Wuhu China), Craig Weldon P.Eng (Continental Tire Canada), Alois Christiaens, Ren Jie (Continental Automotive Belgium N.V)

Paper No.(JSAE/SAE)	20139068 / 2013-32-9068
Paper title	Development of Advanced Propeller Damper (Shift Dampener System)
Author (Affiliation)	Yohei Kuroki, Hiroyuki Tsunekawa, Shunsuke Yukawa (Yamaha Motor Co., Ltd.)

Room.	201C
Session	Engine Controls I
Chair (Affiliation) co-chair (Affiliation)	Masayoshi Uno (Kawasaki Heavy Industries, Ltd.) Thorsten Raatz (Robert Bosch LLC)

Paper No.(JSAE/SAE)	20139041 / 2013-32-9041
Paper title	Reduced-order Modeling of Intake Air Dynamics in Single-cylinder Four-stroke Engine
Author (Affiliation)	Shun-ichi Akama, Yasunori Murayama, and Shigeo Sakoda (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139061 / 2013-32-9061
Paper title	Estimation of Intake Manifold Absolute Pressure Using Kalman Filter
Author (Affiliation)	Bo-Chiuan Chen, Yuh-Yih Wu, Hsien-Chi Tsai (National Taipei University of Technology)

Paper No.(JSAE/SAE)	20139037 / 2013-32-9037
Paper title	Online engine speed based adaptation of air charge for two-wheelers
Author (Affiliation)	Christian Steinbrecher, Bastian Reineke, Jürgen Berkemer, Henning Heikes, Wolfgang Fischer (Robert Bosch GmbH)

October 9th Wednesday
 10:30 - 12:00

Room.	201D
Session	Hybrids, Electric Drives & Fuel Cells II
Chair (Affiliation) co-chair (Affiliation)	Jung-Ho Chen, (National Taiwan University) Glenn Bower (University of Wisconsin-Madison)

Paper No.(JSAE/SAE)	20139132 / 2013-32-9132
Paper title	Single Cylinder 25kW Range Extender as Alternative to a Rotary Engine Maintaining High Compactness and NVH Performance
Author (Affiliation)	Christian Hubmann, Frank Beste, Hubert Friedl, Wolfgang Schoffmann (AVL List GmbH)

Paper No.(JSAE/SAE)	20139071 / 2013-32-9071
Paper title	Development of Belt-Driven Starter-Generator Control Strategy for Hybrid Electric Vehicle
Author (Affiliation)	Qing-Lin Chen, Jieng-jang Liu, Pai-Hsiu Lu (China Engine Corporation, Taiwan)

Paper No.(JSAE/SAE)	20139072 / 2013-32-9072
Paper title	Development of the idle-stop starter with pre- and post-engage pinion gear
Author (Affiliation)	Chih-Wei Hu, Shih-Lin Lin, Heng-Chih Tang, Ting-Chi Kao, Andrew P.H. Lu (China Engine Corporation)

Room.	201E
Session	Advanced Combustion I
Chair (Affiliation) co-chair (Affiliation)	Koji Yoshida (Nihon University) Ken Fosaaen (Fosaaen Technologies, LLC.)

Paper No.(JSAE/SAE)	20139002 / 2013-32-9002
Paper title	Effects of Intake System with Swirl and Tumble Valve on the Combustion in a Small Four Stroke Engine
Author (Affiliation)	Hui-Ting Chang, Chih-Wei Huang, Kuan-Hsu Lin, Wen-Cheng Hu (SANYANG INDUSTRY CO., LTD.)

Paper No.(JSAE/SAE)	20139030 / 2013-32-9030
Paper title	A Study of the Effects of Varying the Supercharging Pressure and Fuel Octane Number on Spark Ignition Engine Knocking using Spectroscopic Measurement and In-cylinder Visualization
Author (Affiliation)	Takashi Ishino, Norikuni Hayakawa, Tomomi Miyasaka, Akira Iijima, Koji Yoshida, Hideo Shoji (Nihon University)

Paper No.(JSAE/SAE)	20139144 / 2013-32-9144
Paper title	Influence of High Frequency Ignition on the Combustion and Emission Behaviour of Small Two-Stroke Spark Ignition Engines
Author (Affiliation)	Clemens Hampe, Markus Bertsch, Kai W. Beck, Ulrich Spicher (MOT GmbH) Steffen Bohne, Georg Rixecker (BorgWarner Beru Systems)

October 9th Wednesday
 13:30 - 15:30

Room.	201A
Session	Emissions I
Chair (Affiliation) co-chair (Affiliation)	Hiromi Deguchi (SUZUKI MOTOR CORPORATION) Kai W. Beck (MOT GmbH)

Paper No.(JSAE/SAE)	20139058 / 2013-32-9058
Paper title	Misfire Diagnostic Strategy for Motorcycles
Author (Affiliation)	Hsien-Chi Tsai, Bo-Yu Gao, Ming-Hao Chiang, Bo-Chiuan Chen, Yuh-Yih Wu (National Taipei University of Technology)

Paper No.(JSAE/SAE)	20139050 / 2013-32-9050
Paper title	Exhaust Emissions Characteristics of Scooters on the Real World in Taiwan
Author (Affiliation)	Su, Kao-Chun, Chuang, Chih-Wei (Automotive Research & Testing Center) Chen, Hsin-Yi, Pei-Chang Wen, Chen, Hsueh-Heng (Chung-Hua Institution for Economic Research)

Paper No.(JSAE/SAE)	20139052 / 2013-32-9052
Paper title	Feasibility Study of Emission Improvement through Transient Emission Characteristics Analysis for Idle-Stop Motorcycles
Author (Affiliation)	Chao-Lung Chen, Zong-Da Lin (Industrial Technology Research Institute)

Paper No.(JSAE/SAE)	20139055 / 2013-32-9055
Paper title	Feasibility of Using Half Useful Life Mileage Accumulation for Motorcycle Certification Durability Tests in Taiwan
Author (Affiliation)	Shin-Hui Lin, Chao-Lung Chen (Industrial Technology Research Institute)

Room.	201B
Session	HCCI I
Chair (Affiliation) co-chair (Affiliation)	Yasuo Moriyoshi (Chiba University) Markus Bertsch (MOT GmbH)

Paper No.(JSAE/SAE)	20139031 / 2013-32-9031
Paper title	A Study of the Effects Varying Compression Ratio and Fuel Octane Number on HCCI Engine Combustion using Spectroscopic Octane Number on HCCI Engine Combustion using Spectroscopic Measurement
Author (Affiliation)	Akira Terashima, Naoya Ito, Tomoya Tojo, Akira Iijima, Koji Yoshida, Hideo Shoji (Nihon University)

Paper No.(JSAE/SAE)	20139054 / 2013-32-9054
Paper title	Influence of Fuel Properties on Operational Range and Thermal Efficiency of Premixed Diesel Combustion
Author (Affiliation)	Qian Xiong, Kazuki Inaba, Hideyuki Ogawa, Gen Shibata (Hokkaido University)

Paper No.(JSAE/SAE)	20139098 / 2013-32-9098
Paper title	A Study of Controlled Auto-Ignition in Small Natural Gas Engines
Author (Affiliation)	Hibiki Koga, Toshiro Kiura (Honda R&D Co., Ltd.)

Paper No.(JSAE/SAE)	20139166 / 2013-32-9166
Paper title	Visualization and Spectroscopic Measurement of Knocking Combustion Accompanied by Cylinder Pressure Oscillations in an HCCI Engine
Author (Affiliation)	Akira Iijima, Mitsuaki Tanabe, Koji Yoshida, Hideo Shoji, Naoya Itoh, Akira Terashima, Tomoya Tojo (Nihon University)

October 9th Wednesday
 13:30 - 15:30

Room.	201C
Session	Engine Controls II
Chair (Affiliation)	Masayoshi Uno (Kawasaki Heavy Industries, Ltd.)
co-chair (Affiliation)	Thorsten Raatz (Robert Bosch LLC)

Paper No.(JSAE/SAE)	20139062 / 2013-32-9062
Paper title	Development of Torque-Based Engine Management System for Range Extender Engine
Author (Affiliation)	Yao-Chung Liang, Hsien-Chi Tsai, Yuh-Wen Peng, Yuh-Yih Wu (National Taipei University of Technology)

Paper No.(JSAE/SAE)	20139042 / 2013-32-9042
Paper title	Torque Control of Rear Wheel by Using Inverse Dynamics of Rubber/Aramid Belt Continuous Variable Transmission
Author (Affiliation)	Shun-ichi Akama, Yasunori Murayama, and Shigeho Sakoda (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139040 / 2013-32-9040
Paper title	Construction of Data-setting Configuration Using Prescribed Template and Profile for Competition Motorcycles
Author (Affiliation)	Takashi Suda, Koichi Tsunokawa, Satoru Kanno and Xi Sun (Keihin Corporation) Yue Zhou (Keihin R&D China Co., Ltd.)

Paper No.(JSAE/SAE)	20139066 / 2013-32-9066
Paper title	Providing Calibration Tools for Cost Sensitive Electronic Control Systems
Author (Affiliation)	Garrard, M.R. (Freescall Semiconductors UK), Tobin, P. (EFI Analytics) Grippo, A. (B.G.Soflex)

Room.	201D
Session	Hybrids, Electric Drives & Fuel Cells III
Chair (Affiliation)	Yasuyuki Muramatsu (Yamaha Motor Co., Ltd.)
co-chair (Affiliation)	Glenn Bower (University of Wisconsin-Madison)

Paper No.(JSAE/SAE)	20139119 / 2013-32-9119
Paper title	The Development of Non-contact Torque and Angle Sensor for Intelligent Power Assist System
Author (Affiliation)	Chau-Chih Yu, Jin-Yan Hsu, Tsung-Hua Hsu (Automotive Research & Testing Center)

Paper No.(JSAE/SAE)	20139045 / 2013-32-9045
Paper title	Development of Torque Sensor with Nickel-iron Alloy Plating for Pedal-equipped Electric Vehicles
Author (Affiliation)	Kentaro Ikegami (Honda R&D Co., Ltd.)

Paper No.(JSAE/SAE)	20139120 / 2013-32-9120
Paper title	Study of Different Arrangement of Magnets for the Purpose of Reducing Magnet Usage in Designing an Integrated Starter/Generator for Hybrid Vehicles
Author (Affiliation)	Kai-Fan Hsueh, Jung-Ho Cheng (National Taiwan University) Yi-Shen Chen, Andrew Lu(CEC Engine Co. Ltd)

Paper No.(JSAE/SAE)	20139087 / 2013-32-9087
Paper title	Two-speed Automatic Transmissions of Electric Scooters
Author (Affiliation)	Kuo-ching Chen, Keng-tso Chuang, Han-hsueh Liu, Ching-ya Chen (CHINA MOTOR CORPORATION)

October 9th Wednesday
13:30 - 15:30

Room.	201E
Session	Advanced Combustion II
Chair (Affiliation)	Koji Yoshida (Nihon University)
co-chair (Affiliation)	Ken Fosaaen (Fosaaen Technologies, LLC.)

Paper No.(JSAE/SAE)	20139116 / 2013-32-9116
Paper title	Small Kerosene Droplet Evaporation Near Butane Diffusion Flame
Author (Affiliation)	Hiroshi Enomoto, Shogo Kunioka, Lukas Kano Mangalla, Noboru Hieda (Kanazawa University)

Paper No.(JSAE/SAE)	20139117 / 2013-32-9117
Paper title	Observation of Kerosene Droplet Evaporation under High Pressure and High Temperature Environment
Author (Affiliation)	Hiroshi Enomoto, Shunsuke Sawasaki, Kosuke Nishioka, Lukas Kano Mangalla (Kanazawa University)

Paper No.(JSAE/SAE)	20139123 / 2013-32-9123
Paper title	Behavior of Small Fuel Droplet near Butane Diffusion Flame
Author (Affiliation)	Hiroshi Enomoto, Shogo Kunioka, Noboru Hieda (Kanazawa University).

October 10th Thursday
8:30 - 10:00

Room.	201A
Session	Emission II
Chair (Affiliation) co-chair (Affiliation)	Hiromi Deguchi (SUZUKI MOTOR CORPORATION) Kai W. Beck (MOT GmbH)

Paper No.(JSAE/SAE)	20139057 / 2013-32-9057
Paper title	New VM R750 engine family: a different approach to reach the emission limit
Author (Affiliation)	Emilio Bertoni, Alessandro Mazza, Carlo Ricci (VM Motori), Lorenzo Pace, Manuel Presti (Emitec G.m.b.H.)

Paper No.(JSAE/SAE)	20139053 / 2013-32-9053
Paper title	Durable Catalyst Formulations For Four-stroke Small Engines
Author (Affiliation)	W. Boll, M. Bonifer, R. Kiemel, U. Endruschat (Heraeus Precious Metals GmbH & Co. KG)

Paper No.(JSAE/SAE)	20139064 / 2013-32-9064
Paper title	Drive Cycle Fuel Economy and Engine-Out Emissions Evaluation Using an Opposed-Piston Sleeve-Valve Engine with Lean Operation and Ignition Delay for NO _x Control
Author (Affiliation)	Michael A. Willcox, James M. Cleeves (Pinnacle Engines)

9:00 - 10:00

Room.	201B
Session	HCCI II
Chair (Affiliation) co-chair (Affiliation)	Tomoo Shiozaki (Honda R&D Co., Ltd.) Roberto Gentili (University of Pisa)

Paper No.(JSAE/SAE)	20139070 / 2013-32-9070
Paper title	A Study of Fuel and EGR Stratification to Reduce Pressure-Rise Rates in a HCCI Engine
Author (Affiliation)	Kyohei Ozaki, Dong-Won Jung, Norimasa Iida (Keio University)

Paper No.(JSAE/SAE)	20139083 / 2013-32-9083
Paper title	Potential of Stratification Charge for Reducing Pressure-Rise Rate in HCCI Engines Based on Multi-Zone Modeling and Experiments by using RCM
Author (Affiliation)	Shota Ito, Hiroki Ikeda, Dong-Won Jung, Norimasa Iida (Keio University)

9:00 - 10:00

Room.	201C
Session	Engine Controls III
Chair (Affiliation) co-chair (Affiliation)	Takashi Mitome (SUZUKI MOTOR CORPORATION) Thorsten Raatz (Robert Bosch LLC)

Paper No.(JSAE/SAE)	20139065 / 2013-32-9065
Paper title	Detecting the Misfire of Motorcycle Engine with Wide Band Oxygen Sensor
Author (Affiliation)	Yamego Amadou, Chang-Tai Wu, Yu-Cheng Jiang, and Jau-Huai Lu (National Chung Hsing University)

Paper No.(JSAE/SAE)	20139003 / 2013-32-9003
Paper title	FlexFuel Strategy for 2-wheeler
Author (Affiliation)	Erika Xavier, Ariel Bepu, Martin Leder, Walter Arens (Robert Bosch Ltda)

9:00 - 10:00

Room.	201D
Session	Vehicle Dynamics & Safety I
Chair (Affiliation) co-chair (Affiliation)	Masayuki Baba (Honda R&D Co.,Ltd.) Brent Dohner (Lubrizol UK)

Paper No.(JSAE/SAE)	20139026 / 2013-32-9026
Paper title	Effects of the Compensated Control of Gradient for the Haptic Throttle Grip
Author (Affiliation)	Manabu Fujito, Yasunobu Harazono and Kouji Sakai (Yamaha Motor Co., Ltd.)

Paper No.(JSAE/SAE)	20139106 / 2013-32-9106
Paper title	Development of New Concept Two-Wheel Steering System for Motorcycles
Author (Affiliation)	Tetsuya Kimura, Yusuke Ando, Eiichiro Tsujii (Yamaha Motor Co., Ltd.)

October 10th Thursday
10:30 – 12:00

Room.	201A
Session	Emission III
Chair (Affiliation) co-chair (Affiliation)	Hiromi Deguchi (SUZUKI MOTOR CORPORATION) Kai W. Beck (MOT GmbH)

Paper No.(JSAE/SAE)	20139091 / 2013-32-9091
Paper title	1-D Modeling and Experimental Evaluation of Secondary Air Injection system for a Small SI Engine
Author (Affiliation)	Pratap C Kavekar (TVS Motor CO Ltd)

Paper No.(JSAE/SAE)	20139130 / 2013-32-9130
Paper title	A demonstration of emissions' behaviour of various handheld engines including investigations on particulate matter
Author (Affiliation)	Cécile Favre, John May, Dirk Bosteels (Association for Emissions Control by Catalyst (AECC) AISBL), Jürgen Tromayer, Gerd Neumann (Graz University of Technology)

Paper No.(JSAE/SAE)	20139150 / 2013-32-9150
Paper title	Physical Characterization of Biodiesel Particle Emission by Electron Microscopy
Author (Affiliation)	Preechar Karin, Yutthana Songsaengchan (King Mongkut's Institute of Technology Ladkrabang), Songtam Laosuwan, Chinda Charoenphonphanich (King Mongkut's Institute of Technology Ladkrabang), Nuwong Chollacoop (National Science and Technology Development Agency), Katsunori Hanamura (Tokyo Institute of Technology)

Room.	201B
Session	HCCI III
Chair (Affiliation) co-chair (Affiliation)	Tomoo Shiozaki (Honda R&D Co., Ltd.) Brian Callahan (Achates Power & Basco)

Paper No.(JSAE/SAE)	20139069 / 2013-32-9069
Paper title	Closed-Loop Combustion Control of a HCCI Engine with Re-breathing EGR System
Author (Affiliation)	Yusuke Nakamura, Dong-Won Jung, Norimasa Iida (Keio University)

Paper No.(JSAE/SAE)	20139171 / 2013-32-9171
Paper title	A Study of Supercharged HCCI Combustion using In-cylinder Spectroscopic Techniques and Chemical Kinetic Calculation
Author (Affiliation)	Yasuhide Abe, Yuma Ishizawa, Go Emori, Mitsuo Asanuma, Akira Iijima, Hideo Shoji (Nihon University), Kazuhito Misawa, Yusuke Kiguti, Hiraku Kojima, Shunichi Mori, Kenjiro Nakama (SUZUKI MOTOR CORPORATION)

Paper No.(JSAE/SAE)	20139172 / 2013-32-9172
Paper title	Evaluation of the Performance of a Boosted HCCI Gasoline Engine with Blowdown Supercharge System
Author (Affiliation)	Shunsuke Gotoh, Tatsuya Kuboyama, Yasuo Moriyoshi (Chiba University), Koichi Hatamura (Hatamura Engine Research Office), Toshio Yamada (IDAJ Co., LTD.), Junichi Takanashi, Yasuhiro Urata (Honda R&D Co., LTD.)

October 10th Thursday
10:30 – 12:00

Room.	201C
Session	Engine Controls IV
Chair (Affiliation) co-chair (Affiliation)	Bo-Chiuan Chen (National Taipei University of Technology) Thorsten Raatz (Robert Bosch LLC)

Paper No.(JSAE/SAE)	20139007 / 2013-32-9007
Paper title	A 5cm square gasoline Engine Controller based upon an advanced System in Package semiconductor device
Author (Affiliation)	Garrard M. (Freescale Semiconductors UK), Edwards, W (Freescale Semiconductors Inc.)

Paper No.(JSAE/SAE)	20139020 / 2013-32-9020
Paper title	Thermal Optimization Process for Small Engine Control Units
Author (Affiliation)	Christian Schweikert, Marco Nicolò, Dirk Schweitzer (Infineon Technology AG, Germany), David Witt (Infineon Technologies, North America)

Paper No.(JSAE/SAE)	20139094 / 2013-32-9094
Paper title	Implementation of Software and Hardware solutions for battery-less systems
Author (Affiliation)	Marco Cortecchia, Claudio Gonella (Mectronik s.r.l.)

Room.	201D
Session	Vehicle Dynamics & Safety II
Chair (Affiliation) co-chair (Affiliation)	Masayuki Baba (Honda R&D Co.,Ltd.) Robert Kee (Queen's University Belfast)

Paper No.(JSAE/SAE)	20139165 / 2013-32-9165
Paper title	Development of Technology for Measuring Dynamic Deformation of Motorcycle Bodies
Author (Affiliation)	Yasushi Nakamura, Kazuhiro Ichikawa, Takumi Kawasaki, Yasuhisa Okabe, Hiroshi Ishii, Akiyuki Yamasaki (Kawasaki Heavy Industries, Ltd.)

Paper No.(JSAE/SAE)	20139173 / 2013-32-9173
Paper title	Evaluation of Injury Risks and Benefits of a Crush Protection Device (CPD) for All-Terrain Vehicles (ATVs)
Author (Affiliation)	John W. Zellner, Scott A. Kebschull, R. Michael Van Auken (Dynamic Research, Inc.)

Paper No.(JSAE/SAE)	20139175 / 2013-32-9175
Paper title	Testing of ABS Systems for 2-Wheelers via Hardware-in-the-Loop Technology
Author (Affiliation)	Steven Shenker, Rosana Yamasaki, Tobias Kreuzinger (ETAS K.K., Japan)

Room.	201E
Session	NVH Technology
Chair (Affiliation) co-chair (Affiliation)	Tadao Okazaki (LEMA / Kubota Corporation) Roland Kirchberger (Graz University of Technology)

Paper No.(JSAE/SAE)	20139001 / 2013-32-9001
Paper title	Application of Novel Micro-Grooved Elements to Small Engine Silencer
Author (Affiliation)	Fabio Auriemma, Hans Rämmal, Jüri Lavrentjev (Tallinn University of Technology)

Paper No.(JSAE/SAE)	20139148 / 2013-32-9148
Paper title	The trial to quantify the feeling of sound & vibration (“Kodo-kan”) for the Motorcycle.
Author (Affiliation)	Kenta Suzuki, Hitoshi Uchida, Shogo Kida, Tsutomu Sonehara, Keisuke Namekawa (SUZUKI MOTOR CORPORATION)

Paper No.(JSAE/SAE)	20139164 / 2013-32-9164
Paper title	Development of Intake Sound Control Technique for Sports-Type Motorcycles
Author (Affiliation)	Kenta Matsubara, Noritaka Nakamura, Yota Katsukawa, Kenichi Furuhashi (Kawasaki Heavy Industries, Ltd.)