



2011 JSAE/SAE International Powertrains, Fuels & Lubricants

Presentation Award for Young Researchers and Engineers <Outstanding Presentation Award>

12:50-13:05 2, September 2011

Introduction

To encourage research activities and the development of engine powertrains, fuels & lubricants fields, mechanical engineering, Presentation Award for Young Researchers and Engineers is presented to few outstanding presenters who are below 35 years old, in this conference.

Opening Remarks

Mr. Yoshihiko Matsuda,
Co – Chairperson of 2011-SAE-PFL International Conference
(Toyota Motor Corporation)

Introduction of Award Winners

*Thomas Wallner, Li Zhang, Masato Ikemoto
Yuki Bisaiji, Paul Robert Hellier*

Taking photography(After the Award Ceremony)



Award Winners of Presentation Award for Young Researchers and Engineers

- Thomas Wallner (Argonne National Laboratory)
Influence of Injection Strategy in a High-Efficiency Hydrogen Direct Injection Engine
- Li Zhang (University of California, Irvine)
Evaluation and Modification of Constant Volume Sampler Based Procedure for Plug-in Hybrid Electric Vehicle Testing
- Masato Ikemoto (Toyota Motor Corporation)
Injection Nozzle Coking Mechanism in Common-rail Diesel Engines
- Yuki Bisaiji (Toyota Motor Corporation)
Development of Di-Air - A Novel Diesel deNOx System by Adsorbed Intermediate Reductants
- Paul Robert Hellier (University College London)
The Impact of Saturated and Unsaturated Fuel Molecules on Diesel Combustion and Exhaust Emissions