

The First Five Universities Cooperation International Symposium on Advanced Vehicle Technology

November 11 Friday, 2016

Nihon University, Narashino, Chiba, JAPAN



Introduction

In recent years, industry, government and academia cooperation have been promoted, for the innovation of research and development and the creation of new businesses. Such cooperation in the automotive field is no exception.

Because cars are made combining a wide range of advanced technology, it's necessary to develop the automotive engineering technology in coordination with industry, government and academia. In addition, it's also important to strengthen the cooperation between universities that are actively implementing the automotive related research. For this reason, we are bringing together the five domestic and foreign universities with centers for automotive research to hold the "International Symposium on Advanced Vehicle Technology" as the first step to help foster future collaboration.

This symposium will provide us an opportunity to strengthen the cooperation between five universities and exchange between the researchers of various fields related to the vehicles beyond national borders. We also would like to encourage young researchers to get involved with our activity and contribute their future success in the world.

We are delighted and excited to host the first symposium. We are looking forward to many people taking this opportunity to attend.

Organizing Committee Members

Ichiro KAGEYAMA, General Chair, Nihon University, JAPAN

Takashi TORIIZUKA, Executive Committee Chair,
Nihon University, JAPAN

Hiroshi NOMURA, Nihon University, JAPAN

Tetsunori HARAGUCHI, Nagoya University, JAPAN

Jiro SENDA, Doshisha University, JAPAN

Byungchul CHOI, Chonnam National University, KOREA

Roger KING, Mississippi State University, USA

Keiichi MOTOYAMA, Mississippi State University, USA

Registration

Registration is free. Please download the registration form, then send it to the following address by October 21 2016.

download from <http://nu-car.jp/category/kokusai/>

send to cit.nu-car.event@nihon-u.ac.jp

Program

November 11 Friday 2016, The Spring Hall

8:30 Reception open

9:00-9:15 Opening Session

9:15-12:00 Research Center Session (including discussion)

Chairman : Masakazu FURUICHI (Nihon University)

(9:15-9:45) Institute for Computational Research for Engineering and Science (ICRES)

Michael S. MAZZOLA, Mississippi State University

(9:45-10:15) Current Research Status and Future Prospects of Automobile Research Center at Chonnam National University
Byungchul CHOI, Chonnam National University

(10:15-10:30) Coffee Break

(10:30-11:00) Introduction of Advanced Powertrain Research Center in Doshisha University

Eriko MATSUMURA, Doshisha University

(11:00-11:30) Introduction of Green Mobility Research Institute
Ryoichi ICHINO, Nagoya University

(11:30-12:00) Introduction of Nihon University Automotive Research Center

Yoshihiko OBATA, Nihon University

12:15-13:15 NU-CAR Lab. Tour

(13:15-14:15) Lunch Break

14:15-17:00 Research Topics Session (including discussion)

Chairman : Susumu TAKAHASHI (Nihon University)

(14:15-14:45) Early Stage Design Study of Body Structure by 1DCAE

Keiichi MOTOYAMA, Mississippi State University

(14:45-15:15) Application of Bioethanol Fuel to Compression Ignition Engine -- Dual Fuel Injection & Blended Fuel Injection
Su Han PARK, Chonnam National University

(15:15-15:45) A Study on the Way of Heat Loss Reduction in a Single Cylinder Diesel Engine

Kidai YAMAMOTO, Graduate School, Doshisha University

(15:45-16:00) Coffee Break

(16:00-16:30) Modeling and Analysis of Driving Behavior Based on Piecewise Dynamical Model

Tatsuya SUZUKI, Nagoya University

(16:30-17:00) Study on Construction of Driver Model for Advanced Driver Assist System

Ichiro KAGEYAMA, Nihon University

17:00 - 17:15 Closing Session

17:30 - 19:00 Communication Party JPY 3,000 (students: free)

The Spring Hall

39th building, College of Industrial Technology,
Nihon University, 1-2-1 Izumi-cho, Narashino, Chiba, JAPAN

Secretary Office Yuuko AOKI e-mail : cit.nu-car.event@nihon-u.ac.jp



Nihon University, College of Industrial Technology, Center for Automotive Research
phone : +81-47-474-3188, 1-2-1 Izumi-cho, Narashino, Chiba, 275-8575, JAPAN