



TTRF-TAIHO International Symposium on Automotive Tribology 2017

Organizing Committee

Chairperson, Koichi Sugihara

TTRF-TAIHO International Symposium on Automotive Tribology 2017

Announcement

I am pleased to announce that TTRF and Taiho Kogyo will hold “TTRF-TAIHO International Symposium on Automotive Tribology 2017”. The significance and purpose for holding symposium are to progress tribology research, exchange advanced information that applicable to automotive technology, and strengthen industry-university collaboration in this field by describing current situation and future potential.

Thank you for reading this announcement.

Respectfully yours,

Koichi Sugihara,
Chairperson of the symposium committee
TTRF Director and President of Taiho Kogyo

TTRF-TAIHO International Symposium on Automotive Tribology 2017

1. Date: Wednesday, Apr 19, 2017 9:45-17:45 (Reception 18:15-19:45)
2. Venue: Intl. Conf. Room, 3F, Bldg.3, Nagoya Congress Center, Nagoya, Aichi Prefecture
3. Entry fee: Free of charge
4. Reception fee: Free of charge
5. Program: See in next page in attached

TTRF-TAIHO International Symposium on Automotive Tribology 2017

Organizing Committee, Desaki, Washimi, Ono,

(E-mail : info@ttrf.org TEL 0565-28-9284)



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【Program】

【Keynote lecture】

Lecture 1 Title: The technology trend of power train and expectation on tribology

Mr. Tomonori Niizato (Honda R&D Co., Ltd.)

Lecture 2 Title: Trends in automotive friction reduction and the state of the art in friction measurement and simulation

Dr. Hannes Allmaier (Virtual Vehicle Research Center)

【Session1】 [Contribution from Lubricant] Chair : Prof. Masabumi Masuko (Tokyo Inst. Tech.)

Lecture 1 Title: The Impact of Engine and Driveline Lubricants on Vehicle Fuel Efficiency

Dr. Robert Ian Taylor (Shell Global Solutions UK)

Lecture 2 Title: Frictional Characteristics of Phosphorus-containing Compounds in Combination with MoDTC and Detergents

Prof. Toshiaki Wakabayashi (Kagawa Univ.)

【Session 2】 [Approach of Surface Design] Chair : Prof. Shinya Sasaki (Tokyo Univ. Science)

Lecture 3 Title: Hydrodynamic Lubrication Effects of Multiple Circular Bump Pattern for Thrust Sliding Bearings

Dr. Sanemasa Kawabata (DENSO CORPORATION)

Lecture 4 Title: A Surface Design for Sliding Interface of Internal Combustion Engines

Prof. Hatsuhiko Usami (Meijo Univ.)

【Session 3】 [Low Frictional Materials] Chair : Dr. Motoichi Murakami (Toyota Motor Corp.)

Lecture 5 Title: Trends on Application and Classification of Diamond-like Carbon Films

Prof. Naoto Ohtake (Tokyo Inst. Tech.)

Lecture 6 Title: The Development of DLC Coatings and Their Applications for the Fuel Efficiency Improvement of Engines

Mr. Yutaka Mabuchi (NISSAN MOTOR CO., LTD.)



Application Form

Please fill in below and send to following E-mail address.

If you have any question, please feel free contact at organizing committee below.

Name :
Affiliation :
Department :
Mail address :
E-mail :
TEL :

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