



TTRF

TTRF-TAIHO International Symposium on Automotive Tribology 2016

1. Date: Wednesday, Apr 6, 2016 9:20-17:30 (Reception 18:00-19:30)
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:

<Opening>		Chairperson Prof. Yoshitsugu Kimura
9:20-9:30	Opening Address	Mr. Tatehito Ueda Organizing Committee Chair (TAIHO KOGYO CO., LTD.)
9:30-9:40	Opening Speech	Prof. Ward O. Winer (Georgia Institute of Technology)
9:40-10:20	Honorary Lecture : Global Energy Consumption Due to Friction in Passenger Cars	Prof. Kenneth G. Holmberg (VTT Technical Research Centre of Finland)
10:20-10:40	<Coffee Break>	
<Session 1 > Environment Surrounding (Automobile and Tribology)		Chairperson Dr. Yoshio Kumada
10:40-11:20	1. BP Energy Outlook 2016 edition	Mr. Walter Bunting (BP p.l.c.)
11:20-12:00	2. Fundamental studies on hydrogen in tribology	Prof. Joichi Sugimura (Kyushu University)
12:00-13:00	Lunch at B1F Cafeteria 「Cascade」	
13:00-13:40	3. Innovative combustion technology -the Trump Card to Save the Global Environment-	Mr. Masanori Sugiyama (Program Director, Cabinet office)
13:40-14:20	4. Tribology Roadmap -On Structure of Tribology Roadmap-	Prof. Tsunamitsu Nakahara (Tokyo Institute of Technology)
14:20-14:40	<Coffee Break>	
<Session 2 > Various Elements of Automotive Tribology		Chairperson Prof. Masato Tanaka
14:40-15:20	5. Evolution of Automotive IC Engines	Mr. Yoshihiko Masuda (Toyota Central R&D Labs., Inc.)
15:20-16:00	6. Improvement of Fuel Efficiency of Passenger Cars by Reductions in Frictional Losses	Prof. Takashi Nakamura (Nagoya Institute of Technology)
16:00-16:40	7. The Present and Future of Automotive Energy Saving Technology	Mr. Atsushi Suzuki (Toyota Motor Corporation)
16:40-17:20	8. Technical trend of engine bearings contributing to fuel efficiency	Dr. Toru Desaki (TAIHO KOGYO CO., LTD.)
< Closing >		
17:20-17:30	Closing Address	Mr. Koichi Sugihara (TAIHO KOGYO CO., LTD.)