







11th ASIAN THERMOPHYSICAL PROPERTIES CONFERENCE

October 2 (Sun) ~ 6 (Thu), 2016
Pacifico Yokohama, Annex Hall, JAPAN

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Contact

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Welcome

It is our great pleasure to welcome you to the 11th Asian Thermophysical Properties Conference (ATPC2016) which will be held from October 2 (Sun) to October 6 (Thu), 2016 in Yokohama, Japan. The present Conference is the 11th in a series of very successful international conference on Thermophysical Properties held in Asia since 1986. Previous locations are:

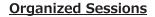
1986 Beijing, China 1989 Sapporo, Japan 1992 Beijing, China 1995 Tokyo, Japan 1998 Seoul, Korea 2001 Guwahati, India 2004 Hefei, China 2007 Fukuoka, Japan 2010 Beijing, China 2013 Jeju, Korea

Although it is named as Asian, this is one of three world-wide conferences on thermophysical properties, namely the European Conference on Thermophysical Properties (ECTP), the Symposium on Thermophysical Properties (STP in the United States) and the Asian Thermophysical Properties Conference (ATPC) each of which is successively held every three years under the agreement of the International Thermophysics Congress. The Conference has been providing an outstanding international forum to present and discuss progresses in research and development and application in the field of thermophysical properties of a wide variety of systems. The Conference is concerned with experimental, theoretical, simulation, and applied aspects of thermophysical properties of fluids and solids including biomaterials and nano-structured materials.

We look forward to seeing you all in Yokohama for a wonderful time.

Yours truly,

Professor Yuji Nagasaka, Keio University Conference Chair, ATPC 2016



osi Correlations and Equations of State	Hiroyuki Miyamoto (Toyama Prefectural Universit Yohei Kayukawa (AIST)
0S2 Database and Standards	Naofumi Yamada (AIST) Yuichiro Yamashita (AIST)

Highly Thermal Conductive and **053** Heat Releasing Composites for Thermal Management

Instrumentation and Measurement Techniques

OS5 Ionic Liquids

056 MFMS Devices

057 Molecular Simulations

Nano/Micro-scale **OS8** Thermophysical Properties and their Applications

Properties for Fuels and **Energy Systems**

OSIO Properties of Biomaterials and Biosystems

Yuichiro Yamashita (AIST)

Yasuvuki Agari (Osaka Municipal Technical Research Institute) Junko Morikawa (Tokyo Institute of Technology)

Kuniyasu Ogawa (Keio University) Koji Fumoto (Hirosaki University)

Daisuke Tomida (Tohoku University) Yoichi Murakami (Tokyo Institute of Technology)

Koji Takahashi (Kyushu University) Osamu Nakabeppu (Meiji University)

Kenji Yasuoka (Keio University) Taku Ohara (Tohoku University)

Koji Miyazaki (Kyushu Institute of Technology) Jùnichiro Shiomi (University of Tokyo)

Rvo Ohmura (Keio University) Naoya Sakoda (Kyushu University)

Hiroshi Takamatsu (Kyushu University) Ryo Shirakashi (University of Tokyo)

Properties of Building Materials 0511 and Thermal Management of Building Construction

OS12 Thermal Design of Electric Device and Packaging

OS13 Thermal Process Control

0514 Thermal Radiative Properties

OS15 Thermophysical Properties at Low Temperatures

Thermophysical Properties of Fluids 0516 and Interfacial Properties Thermophysical Properties **0517** of High-Temperature Melts and

Materials Processing OSI8 Thermophysical Properties of Solids

Thermophysical Properties of Space Materials and Thermal Control

Thermophysical Properties of **0S20** Working Fluids including Low GWP Refrigerants

Atsumasa Yoshida (Osaka Prefecture University) Manami Sato (Osaka Institute of Technology) Toshio Tomimura (Kumamoto University) Tomoyuki Hatakeyama (Toyama Prefectural University) Kuniko Sugiyama (Yokohama National University) Kei Tao (Nihon University) Katsunori Hanamura (Tokyo Institute of Technology) Masahiko Yamada (Hokkaido University) Noboru Yamada

(Nagaoka University of Technology) Hidetoshi Okubo (Tamagawa University) Akemi Tanaka (University of Tokyo)

Atsuki Komiya (Tohoku University) Atsushi Sakurai (Niigata University)

Hiroyuki Fukuyama (Tohoku University) Shumpei Ozawa (Chiba Institute of Technology)

Hiromichi Watanabe (AIST) Megumi Akoshima (AIST)

Masahito Tagawa (Kobe University) Sumitaka Tachikawa (JAXA)

Yukihiro Higashi (Iwaki Meisei University) Noboru Kagawa (National Defense Academy)

Plenary Lectures



Dr. Eric W. Lemmon (National Institute of Standards and Technology, USA) "Thermodynamic Properties of Pure Fluids and Mixtures from High Accuracy Equations of State"

Prof. Jean-Jacques Greffet (Institut d'Optique, Université Paris-Saclay, CNRS, France) "Taming Blackbody Radiation with Nanophotonics"



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<u>egistration Fee</u>	Regular Participant	Student	Accompanying Person
Early-bird Registration (by Aug. 2, 2016)	70,000 JPY	30,000 JPY	20,000 JPY
Late Registration Aug. 3 ~ Sep. 19, 2016)	80,000 JPY	35,000 JPY	25,000 JPY
On-site Registration (Oct. 2 ~ 6, 2016)	100,000 JPY	50,000 JPY	40,000 JPY

Special Issues

- ◆ International Journal of Thermophysics
- High Temperatures-High Pressures
- ISIJ International

