



11th ASIAN THERMOPHYSICAL PROPERTIES CONFERENCE

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

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Contact

Secretary General
 Yoshihiro Taguchi (Keio University, Japan), E-mail: info@atpc2016.org
 TEL: +81-45-566-1809, FAX: +81-45-566-1720
 Address: 3-14-1 Hiyoshi, Yokohama, JAPAN, zip.223-8522

<http://www.atpc2016.org/>

Abstract Submission Deadline **March 2, 2016**

Author Notification of Acceptance **April 4, 2016**

Early-bird Registration Deadline **Aug. 2, 2016**

Late Registration Deadline **Sep. 19, 2016**

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



Organized Sessions

OS1	Correlations and Equations of State	Hiroyuki Miyamoto (Toyama Prefectural University) Yohei Kayukawa (AIST)
OS2	Database and Standards	Naofumi Yamada (AIST) Yuichiro Yamashita (AIST)
OS3	Highly Thermal Conductive and Heat Releasing Composites for Thermal Management	Yasuyuki Agari (Osaka Municipal Technical Research Institute) Junko Morikawa (Tokyo Institute of Technology)
OS4	Instrumentation and Measurement Techniques	Kuniyasu Ogawa (Keio University) Koji Fumoto (Hiroaki University)
OS5	Ionic Liquids	Daisuke Tomida (Tohoku University) Yoichi Murakami (Tokyo Institute of Technology)
OS6	MEMS Devices	Koji Takahashi (Kyushu University) Osamu Nakabeppu (Meiji University)
OS7	Molecular Simulations	Kenji Yasuoka (Keio University) Taku Ohara (Tohoku University)
OS8	Nano/Micro-scale Thermophysical Properties and their Applications	Koji Miyazaki (Kyushu Institute of Technology) Junichiro Shiomi (University of Tokyo)
OS9	Properties for Fuels and Energy Systems	Ryo Ohmura (Keio University) Naoya Sakoda (Kyushu University)
OS10	Properties of Biomaterials and Biosystems	Hiroshi Takamatsu (Kyushu University) Ryo Shirakashi (University of Tokyo)

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"



Prof. Katsuo Kurabayashi
(University of Michigan, USA)
"Nanoplasmonic Biosensing:
From Single-Cellular Imaging to Clinical Diagnostics"

OS11	Properties of Building Materials and Thermal Management of Building Construction	Atsumasa Yoshida (Osaka Prefecture University) Manami Sato (Osaka Institute of Technology)
OS12	Thermal Design of Electric Device and Packaging	Toshio Tomimura (Kumamoto University) Tomoyuki Hatakeyama (Toyama Prefectural University)
OS13	Thermal Process Control of Foods	Kuniko Sugiyama (Yokohama National University) Kei Tao (Nihon University) Katsunori Hanamura (Tokyo Institute of Technology)
OS14	Thermal Radiative Properties	Masahiko Yamada (Hokkaido University) Noboru Yamada (Nagaoka University of Technology)
OS15	Thermophysical Properties at Low Temperatures	Hidetoshi Okubo (Tamagawa University) Akemi Tanaka (University of Tokyo)
OS16	Thermophysical Properties of Fluids and Interfacial Properties	Atsuki Komiya (Tohoku University) Atsushi Sakurai (Niigata University)
OS17	Thermophysical Properties of High-Temperature Melts and Materials Processing	Hiroyuki Fukuyama (Tohoku University) Shumpei Ozawa (Chiba Institute of Technology)
OS18	Thermophysical Properties of Solids	Hiromichi Watanabe (AIST) Megumi Akoshima (AIST)
OS19	Thermophysical Properties of Space Materials and Thermal Control	Masahito Tagawa (Kobe University) Sumitaka Tachikawa (JAXA)
OS20	Thermophysical Properties of Working Fluids including Low GWP Refrigerants	Yukihiro Higashi (Iwaki Meisei University) Noboru Kagawa (National Defense Academy)

Registration Fee

	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

