

About Sendai

Sendai is the largest city in the north-east region of Japan with 1M residents. The present city has been founded in 1600 by Date Masamune, a prominent lord of the age of provincial wars in Japan.

Sendai is located about 300 kilometer north of Tokyo. It takes 1.6 hours by Shinkansen (rapid train) from Tokyo, and also there are flight services from many cities in Japan and some foreign cities. Sendai, the city well known by its nickname of "city of trees", welcomes you in November, 2016, with beautiful autumn color of leaves and a good occasion of heat transfer forum.

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Contact

Secretariat

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THE FOURTH INTERNATIONAL FORUM ON HEAT TRANSFER

November 2 - 4, 2016

Sendai International Center

**Sendai
JAPAN**



HSTJ Hosted by Heat Transfer Society of Japan

<http://ifht2016.org/>

About IFHT

The Fourth International Forum on Heat Transfer (IFHT2016) is organized by the Heat Transfer Society of Japan (HTSJ) to seek new paradigm by inviting leading scientists and engineers from all over the world. The IFHT was started in Kyoto 2004, and then the second and third IFHT were held in Tokyo 2008 and Nagasaki 2012, respectively, where the fusion of nano-, micro- and bio-technologies with heat transfer science was selected as the main theme.

The Fourth IFHT to be held during November 2-4, 2016 in Sendai focuses upon heat and mass transfer, and world-prominent scientists are invited to deliver keynote lectures. General contributed papers are also invited in all area of heat and mass transfer. The organizing committee encourages prospective authors to actively participate in this international gathering. The Shiro Nukiyama Memorial Award will be presented during IFHT2016.

Session Keywords

Air conditioning	Mass transfer
Bio and medical	Materials processing
Boiling	Mathmatics and computation
Combustion	Measurement and equipment
Condensation	Melting and solidification
Conduction	MEMS
Convection	Micro and nano scale
Cooling and cryogenics	Mixed convection
Electronic cooling	Molecular dynamics
Electric field and plasma	Multiphase
Energy system	Natural and renewable energy
Environment	Non-linear thermal fluid phenomena
Evaporation	Nuclear energy
Fuel cell	Particulate and spray
Gas turbine	Phase change
Heat exchanger	Porous media
Heat pipe	Radiation
Heat pump	Solar energy
Heat transfer enhancement	Thermal design
Heat transfer under extreme condition	Thermodynamics
Hydrogen	Thermophysical properties
Industrial application	Turbulence
Jet	Two-phase flow
Manufacturing	

Keynote Lectures



Yoshinori Itaya
Professor
Gifu University
Japan

Gary Rosengarten
Professor
RMIT University
Australia



Young-Hoon Song
Professor
Korea Institute of Machinery & Materials
Korea

Wen-Quan Tao
Professor
Xi'an Jiaotong University
China



Shohji Tsushima
Professor
Osaka University
Japan

Evelyn N. Wang
Gail E. Kendall Professor
Department of Mechanical Engineering
MIT
USA



Scope of the Forum

The heat transfer society of Japan (HTSJ) now realizes its responsibility as one of the world-largest and most active heat transfer community to disseminate information in collaboration with other heat transfer communities in the world, which leads to production of new seeds in this research area. To accomplish this mission, the HTSJ proposes a forum on heat transfer, which aims to gather researchers from all over the world and create a new trends in the heat transfer research.

Registration Fee

	Regular	Student	Accompany
Early-bird Registration (by September 30, 2016)	50,000 JPY	20,000 JPY	15,000 JPY
Late Registration (by November 1, 2016)	55,000 JPY	25,000 JPY	20,000 JPY
On-site Registration	60,000 JPY	30,000 JPY	25,000 JPY

Important Dates

Deadline for short abstract	April 29 , 2016
Notification of abstract acceptance	May 31 , 2016
Deadline for full manuscript <small>Author(s) hold the copyright</small>	July 29 , 2016
Notification of full acceptance	August 25 , 2016
Deadline for Final manuscript	September 15 , 2016
Deadline for early-bird registration	September 30 , 2016