

# ANNOUNCEMENT AND CALL FOR PAPERS

The Third International Forum  
on Heat Transfer

## IFHT2012

November 13-15, 2012,  
Nagasaki, Japan



### Venue:

Nagasaki Brick Hall, Nagasaki, Japan

### Date:

November 13-15, 2012

### Sponsored by:

Heat Transfer Society of Japan (HTSJ)



### Co-sponsored by:

International Centre for Heat and Mass Transfer, ASME International Japan Section, French Heat Transfer Society, Korea Society of Mechanical Engineers, Japan Society of Mechanical Engineers, Japan Institute of Energy Combustion Society of Japan, Japan Society of Thermophysical Properties, Society of Chemical Engineers, Japan, The Chemical Society of Japan, Turbomachinery Society of Japan, Japan Society of Fluid Mechanics, Japan Society for Multiphase Flow, Visualization Society of Japan

### About the conference

The Third International Forum on Heat Transfer (IFHT2012) is organized by the Heat Transfer Society of Japan (HTSJ), which is one of the world-largest and most active heat transfer societies, 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 IFHT was held in Tokyo 2008 with approximately 150 presentations and 200 participants, where the fusion of nano-, micro- and bio-technologies with heat transfer science was selected as the main theme.

The third IFHT to be held during November 13-15, 2012 in Nagasaki focuses upon heat and mass transfer for green technologies, 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 first Shiro Nukiyama Memorial Award will be presented during IFHT2012.

## Call for Papers

Abstract of 200-300 words must be received by February 29, 2012. The abstracts should be submitted through the IFHT2012 webpage at <http://www.ifht2012.com>. Further details will be provided in the second announcement, which will also be available on the webpage. The content of each abstract will be the basis for acceptance of paper for presentation at IFHT2012. Short oral and poster presentations will also be planned at IFHT2012.

## Deadlines

Submission of short abstract (200-300 words):	March 31, 2012
Notification of acceptance to authors:	April 15, 2012
Submission of camera-ready manuscript (A4 2-6pages):	July 31, 2012
Deadline for advance registration	Aug. 31, 2012

## Conference fee

### Registration Fees

Delegate: 50,000JPY (On or before Aug.31), 60,000JPY (After Sep.1)

Student: 30,000JPY (On or before Aug.31), 40,000JPY (After Sep. 1)

Conference proceedings, welcome reception, conference banquet, and coffee break refreshments are included in the registration fee. The registration fee will be reduced if financial supports are available from any foundations and/or organizations.

## Keynote Speakers



Gang Chen (Massachusetts Institute of Technology, USA)

Nanoscale Heat Transfer for Energy Applications

Takemi Chikahisa (Hokkaido University, Japan)

Microscopic Observation of Water Transport Phenomena in PEM Fuel Cell using Freezing Method

Zheg-Yuan Guo (Tsinghua University, China)

Entropy and Entropy

Sung Jin Kim (Korea Advanced Institute of Science and Technology, Korea)

Recent Advances in Impinging Jets

Kim Choon Ng (National University of Singapore, Singapore)

A Thermodynamic Approach to Evaluate the Performance of Chillers

Mamoru Tanahashi (Tokyo Institute of Technology, Japan)

Multi-Dimensional/Multi-Variable Laser Diagnostics and DNS in Turbulent Combustion Research

Peng Zhang (Shanghai Jiao Tong University, China)

Thermofluidic Phenomena in the Heat Transfer of Supercritical Fluid: Thermoacoustic Wave, Piston Effect and Thermal Convection

## The Nukiyama Memorial Award



Shiro Nukiyama  
(1896-1983)

The Nukiyama Memorial Award has been established by the Heat Transfer Society of Japan on its 50<sup>th</sup> anniversary to commemorate the land-mark contributions by Shiro Nukiyama as an outstanding heat transfer scientist. Nukiyama addressed the challenges of the boiling phenomena and published an epoch-making paper, which provided an overview of the phenomena in the form of the Nukiyama curve (boiling curve). This pioneering work was made in the 1930s, when heat transfer research was in its infancy and Nukiyama himself was young: still under forty years old. The Nukiyama Memorial Award shall be bestowed to *a scientist, preferably under 50 years of age, every two years in the field of Thermal Science and Engineering.*

The Award will be bestowed at the Third International Forum on Heat Transfer (IFHT2012) during November 13-15, 2012 in Nagasaki, Japan, where the recipient of the Award will present an Award Lecture.

## Organizing Committees

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## General Information

All technical sessions will be held at Nagasaki Brick Hall, Nagasaki, Japan. The symposium organized by Heat Transfer Society Japan. The 3<sup>rd</sup> international forum on heat transfer contact information is as follows;

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