



# 6<sup>th</sup> International Symposium on Molecular Thermodynamics and Molecular Simulation

September 25-28, 2012

Higashi-Hiroshima Campus of Hiroshima University,  
Higashi-Hiroshima, Hiroshima, Japan

<http://www2.scej.org/pp/MTMS12/>

## Scope

The 6<sup>th</sup> international symposium on “Molecular Thermodynamics and Molecular Simulation (MTMS’ 12)” will be held during September 25-28 at Higashi-Hiroshima Campus of Hiroshima University in Higashi-Hiroshima, Japan. The objective of this four-day symposium is to provide a forum to scientists and engineers to discuss the recent advances in the large area of molecular thermodynamics and molecular simulation. The symposium is structured with keynote lectures by eminent scientists and engineers, and oral and poster presentations.

MTMS is held at three-year intervals since 1994 at the following places:

- 1<sup>st</sup> 1994 Kyoto, organized by Prof. Koichiro Nakanishi (Kyoto Univ.)
- 2<sup>nd</sup> 1997 Tokyo, organized by Prof. Hideo Nishiumi (Hosei Univ.)
- 3<sup>rd</sup> 2003 Sendai, organized by Prof. Hiroshi Inomata (Tohoku Univ.)
- 4<sup>th</sup> 2006 Makuhari, organized by Prof. Toshihiko Hiaki (Nihon Univ.)
- 5<sup>th</sup> 2009 Kanazawa, organized by Prof. Kazuhiro Tamura (Kanazawa Univ.)
- 6<sup>th</sup> 2012 Higashi-Hiroshima, organized by Prof. Shigeki Takishima (Hiroshima Univ.)

## Location

Higashi-Hiroshima which is adjacent to Hiroshima City is located in western Japan, and surrounded by the bounties of nature. There are many sake breweries in the city, and they are thronged with tourists at sake festival held in October of each year.



## Topics

- Molecular thermodynamics
- Thermophysical properties
- Solution structure of supercritical fluids
- Reaction in supercritical fluids
- Macromolecules
- Mesoscopic systems
- Ionic liquids
- Process design and simulation
- Molecular simulations and techniques
- Quantum Simulations



## Program

Tuesday, September 25	Registration Welcome reception
Wednesday, September 26	Opening session Keynote lecture Scientific session Dinner
Thursday, September 27	Scientific session Excursion Banquet
Friday, September 28	Scientific session Closing

## Important dates

Abstract deadline for Orals and posters	May 15, 2012
Early registration	June 1 – August 15, 2012
Intimation about the abstract acceptance	June 15, 2012
Deadline for manuscript submission	July 31
<b>MTMS'12</b>	<b>September 25-28, 2012</b>

## Organizational Committees

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·Shigeki Takishima (Hiroshima Univ., Japan)

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