



12th International Conference on the Physics and Chemistry of Ice

Sapporo, Japan,
5-10 September 2010

1st Circular

Welcome to PCI-2010

The Organizing Committee of the 12th International Conference on the Physics and Chemistry of Ice (PCI-2010) is pleased to get the 1st circular distributed for all who are planning to participate or are interested in PCI-2010, which will be held in Sapporo, Japan, from September 5 to 10, 2010. PCI meetings were previously held in 1966 and 1991 in Sapporo, and PCI-2010 will be the third conference held in Sapporo. We cordially invite all of you to join the vital and fruitful discussion in all fields of Physics and Chemistry of Ice.

PCI-2010 will be held at the Conference Hall on the campus of Hokkaido University, located in the center of Sapporo in Hokkaido, the northern-most island of Japan. We are proud to organize the PCI-2010 conference at Hokkaido University that has a long history of pioneering work on ice research. Hokkaido University was founded in 1876 as Sapporo Agricultural College-the first university in the nation that awarded bachelor's degrees. The University is also renowned as the "most beautiful college campus" in Japan.

We are still in the preliminary planning stage of the conference and very much would like to ask your input and advice to make PCI-2010 enjoyable and fruitful. This conference offers opportunities for presentation and discussion of the most up-to-date research in the physics and chemistry of ice. The conference will include plenary (invited) lectures, keynote lectures, selected oral presentations and poster sessions.

Scientific topics

This conference will cover various topics related to physical and chemical properties of ice in condensed matter physics, surface science, chemistry, geophysics, space science, biology, and materials science. Sessions will be organized so as to promote interdisciplinary discussion of the physics and chemistry of ice. Session topics include:

- Quantum chemistry and molecular dynamics**
- Stable and metastable phases of ice**
- Bulk properties of ice**
- Surface properties of ice**
- Defects in ice**
- Phase transition of ice and snow and crystal patterns**
- Clathrate hydrates**
- Ice and biology**
- Ice thin film**
- Ice in space and in the atmosphere**
- Chemical and physical reactions on ice**
- Applied physics of ice and snow**
- Others**

Scientific Committee

John W. Glen (UK)
Stephen Kirby (USA)
Werner F. Kuhs (Germany)
Victor F. Petrenko (USA)
Masahiko Arakawa (Japan)

Norikazu Maeno (Japan)
Patricia L. M. Plummer (USA)
John S. Tse (Canada)
Yoshinori Furukawa (Japan)

PCI-2010

Organization Committee (Tentative)

Chairperson	Yoshinori Furukawa (Hokkaido University)
Secretary	Gen Sazaki (Hokkaido University)
	Tsutomu Uchida (Hokkaido University)
	Takeo Hondoh (Hokkaido University)
	Masahiko Arakawa (Nagoya University)
	Sakae Tsuda (AIST)
	Naohisa Ogawa (Hokkaido Institute of Technology)
	Hiroki Nada (AIST)
	Salvador Zepeda (Hokkaido University)
	Yoshinori Iizuka (Hokkaido University)
	Naoki Watanabe (Hokkaido University)

Language

English is the official language of this conference.

Proceedings

The conference proceedings will be published by the Hokkaido University Press as a book. The submitted papers will be peer-reviewed.

Homepage

For updated information, visit our Web site:

<http://www.lowtem.hokudai.ac.jp/PCI-2010/>

More detailed information of the announcements and Call for papers will be provided on the Web site.

Important dates

1st Circular, Website Open	April 15, 2009
2nd Circular, Call for Papers	September 2009
Abstract Submission	November 1, 2009 – February 26, 2010
Notification of Author	by April 30, 2010
Early Registration	February 1 – May 31, 2010
Late Registration	from June 1, 2010
Deadline of Proceedings Manuscript Submission	August 15, 2010
Conference	September 5 – 10, 2010
Publication of the Proceedings	April 2011

Correspondence

Yoshinori Furukawa
Institute of Low Temperature Science
Hokkaido University
Phone: +81-11-706-5467/6880
Fax: +81-11-706-7142
E-mail: PCI-2010@lowtem.hokudai.ac.jp

Abstract submission, registration fee and accommodation

Abstract submission, registration and hotel reservations will be accepted on-line only. Full instructions for the on-line conference registration, hotel room reservation and payment methods will be announced on the Web site.

More information about the conference site

The conference will be held at the Hokkaido University Conference Hall. The more information about Hokkaido University, Sapporo city, and Hokkaido you can visit the following Web sites:

Hokkaido University: <http://www.hokudai.ac.jp/en/index.html>
Sapporo City: <http://www.welcome.city.sapporo.jp/english/>
Hokkaido: <http://www.visit-hokkaido.jp/en/>