



November 21, 2022

PCI-2023 in Sapporo

# 15th International Conference on the Physics and Chemistry of Ice (PCI-2023)

Sapporo, Japan  
4-8 September 2023

2nd Circular

## Welcome to PCI-2022

The Organizing Committee of the 15th International Conference on the Physics and Chemistry of Ice (PCI-2023) is pleased to distribute the 2nd circular to all people who are interested in participating in the PCI-2023, which will be held in Sapporo, Japan, from September 4 to 8, 2023. Although this conference was originally scheduled for September 2022, it was postponed for one year because of the Covid-19. The PCI conferences were held previously in 1966, 1991, and 2010 in Sapporo, Hokkaido, the northernmost island in Japan. We cordially invite all of you to the fourth one in Sapporo, to enjoy active and fruitful discussions in all fields related to the physics and chemistry of ice.


The PCI-2023 will be held at the Conference Hall on the campus of Hokkaido University, located in the center of Sapporo. We are proud of organizing the PCI-2023 conference at Hokkaido University, where Prof. Ukichiro Nakaya succeeded in growing artificial snow crystals for the first time in 1936 and since then many pioneering studies were performed on snow and ice. Hokkaido University is also famous for its very beautiful campus in Japan.

We are planning to hold an enjoyable and fruitful conference. Therefore, we would be very grateful if you could kindly give us your suggestions. This conference offers opportunities to deliver and discuss the most up-to-date topics on the physics and chemistry of ice. The conference will include invited talks, selected oral presentations, and poster presentations.

## Scientific topics

This conference will cover a wide range of topics related to the physical, chemical, biological, geological, and environmental aspects of ice. The topics will range from fundamental to applied research and will include laboratory, field, modeling, and computational work.

We expect to have interdisciplinary discussions of ice. Session topics include:



Surfaces and interfaces of ice  
Crystal growth of ice  
Mechanical, dielectric, and optical properties of ice  
Ice phases, amorphous ice, and glass transition  
Ice and life  
Reactions on/in ice  
Ice and snow in the cryosphere  
Ice in space  
Clathrate hydrates  
Theoretical and computational works  
Others

### Scientific Committee

Katrin Amann-Winkel (Germany / Sweden)	Ian Baker (USA)
Thorsten Bartels-Rausch (Switzerland)	Werner F. Kuhs (Germany)
Maurine Montagnat (France)	Hiroki Nada (Japan)
Jan Pettersson (Sweden)	Gen Sazaki (Japan)
John S. Wettlaufer (USA / Sweden)	

### Organizing Committee

Chairperson	Gen Sazaki (Hokkaido University)
Secretary	Ken Nagashima (Hokkaido University) Yuki Kimura (Hokkaido University) Ken-ichiro Murata (Hokkaido University) Tsutomu Uchida (Hokkaido University) Naoki Watanabe (Hokkaido University)
Advisor	Yoshinori Furukawa (Hokkaido University)

### Language

English is the official language of this conference.

### Homepage

For updated information, visit our website:

<http://pci2023.com/>

More detailed information on the announcements and calls for papers will be provided on the website.

### **Important dates**

2nd circular	November 21, 2022
3rd circular	The middle of January, 2023
Abstract submission	From the middle of January, 2023 to the end of March, 2023
Notification of author	The end of April, 2023
Early registration:	From the middle of January, 2023 to the end of May, 2023
Late registration:	From June 1, 2023
Conference	September 4-8, 2023

### **Correspondence**

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### **Abstract submission and registration fee**

These will be announced on the website.

### **More information about the conference site**

The conference will be held at the Hokkaido University Conference Hall. More information is available on the following websites:

Hokkaido University:	<a href="https://www.global.hokudai.ac.jp">https://www.global.hokudai.ac.jp</a>
Official Local Travel Information:	<a href="https://visit.sapporo.travel">https://visit.sapporo.travel</a>
Hokkaido Official Tourism Site:	<a href="https://en.visit-hokkaido.jp">https://en.visit-hokkaido.jp</a>