



# **The 26th International Symposium on Polar Sciences**

## **Responding to Climate Crisis: Contributions of Polar Science and Technology**

September 27-29, 2021

Korea Polar Research Institute

Incheon, Republic of Korea

### **FIRST CIRCULAR**

The Korea Polar Research Institute is pleased to invite you to the 26th International Symposium on Polar Sciences (ISPS2021) which will take place in Incheon from September 27 to 29, 2021. The symposium aims to bring together polar scientists and engineers with diverse background to share their research findings and explore further research opportunities at the international level. With “Responding to Climate Crisis” as its overarching theme, ISPS2021 invites researchers to discuss how polar science and technology can contribute to our understanding of climate change.

#### **Theme**

Climate change is the greatest crisis of our times, as it brings devastating consequences to our planet. We have witnessed many communities suffering from heatwave, drought and wildfire, while others suffered heavy rainfall, typhoon and flood. We are facing extreme events at an unprecedented rate, and they require our immediate and collective attention.

It is the mission of science to continue the observation, and provide scientific understanding and prediction upon which we can implement mitigation efforts. Polar sciences are crucial in the sense that these regions are especially sensitive to climate change, which adds to the instability of the earth system. Warming and cooling patterns are amplified, and the melting of ice sheets causes catastrophic sea level rises.

During this symposium, we will discuss the findings in polar sciences that are closely linked to climate change, and the cutting-edge technologies that enable more efficient and sustainable monitoring under harsh environments, while shedding new light on the unseen.

### **Session Themes**

- Polar climate science in the context of global climate crisis
- Cryosphere evolution and sea-level change
- Sea ice and polar oceans in rapid transition
- A paleoclimate perspective on climatic and environmental extremes
- Integrated study of subglacial Antarctic lake ecosystems
- Technological advances enabling new polar science

### **Side Meetings**

Side meetings can be accommodated during the course of the symposium. If you wish to take advantage of this opportunity and hold a meeting to exchange ideas on a subject relevant to the conference theme, please contact us at [symposium@kopri.re.kr](mailto:symposium@kopri.re.kr).

### **Abstract Submission**

Please submit your abstract at the [symposium website](#) from April 12 to May 9, 2021.

### **Registration**

Registration will be available at the [symposium website](#) from June 2021.

More information about the symposium will be updated on the [website](#) as the date approaches. If you have any questions, please do not hesitate to contact us at [symposium@kopri.re.kr](mailto:symposium@kopri.re.kr).

We look forward to your participation.

**The 26th International Symposium on Polar Sciences Secretariat**