

# 11th National Sea Ice Academic Conference & 3rd Polar Equipment Technology Innovation Forum

## Second Round Announcement

The 11th National Sea Ice Academic Conference and the 3rd Polar Equipment Technology Innovation Forum (11th National Sea Ice Academic Conference & 3rd Polar Equipment Technology Innovation Forum) will be held in Harbin, Heilongjiang from November 23rd to November 25th, 2023. The conference is organized by the Sea Ice Committee of the Chinese Society of Oceanography and Harbin Engineering University, and is now calling for thematic papers from relevant individuals.

The theme of this conference is "Polar Environment, Technology, and Equipment," focusing on academic discussions and exchange of achievements on scientific and engineering issues such as sea ice properties, polar environment, polar equipment and technology, and polar development.

The conference will invite renowned experts in the field of sea ice and polar equipment technology from China and Russia to give keynote speeches, as well as hold group academic presentations and graphic displays, providing a platform for researchers in related fields at home and abroad to communicate.

This academic event is held during a period of vigorous development in China's sea ice and polar equipment technology.

This conference will set up excellent young scholar reports and outstanding student papers to guide and support the enthusiasm, initiative, and creativity of young research groups in academic research activities.

### 1. Call for Papers Themes

(1) **Sea Ice Properties:** Formation and development of sea ice, mechanical properties, physical properties, thermodynamic properties of sea ice;

(2) **Polar Environment:** Natural disasters and warning of sea ice, polar surveying and remote sensing, numerical models and applications of sea ice, polar ecological environment and protection, prediction and prevention of icing on structures;

(3) **Ice-Water-Structure Mechanics:** Numerical simulation of sea ice-structure interaction, polar ice-breaking technology, sea ice hydrodynamics, on-ice testing and field observation, model testing technology;

(4) **Polar Equipment and Technology:** Design and application of polar ships, polar ocean engineering equipment, structural analysis of polar equipment, polar power, materials and communication technology;

(5) **Polar Development:** Navigation and security of the Arctic waterway, polar strategy, politics and legal issues, new energy and underwater resource development in ice zones, polar scientific exploration.

(6) **Other:** Papers in other fields related to the conference theme.

## **2. Submission Instructions**

(1) The conference calls for full papers (see template in attachment and submission system attachment). Papers will be reviewed and included in the conference proceedings, and at least one author of each paper is required to register and attend the conference.

(2) The conference will recommend excellent papers for publication in high-level academic journals at home and abroad, such as "Journal of Hydrodynamics," "Journal of Marine Science and Engineering," "Frontiers in Energy Research," "Journal of Marine Science and Application," "Acta Mechanica Sinica," "Journal of Harbin Engineering University," "Shipbuilding of China," "Journal of Hydrodynamics Research and Progress," "Journal of Computational Mechanics," "Acta Oceanologica Sinica," and "China Ship Research." Colleagues are welcome to actively submit their contributions.

(3) Conference paper submission website: <http://seaice.hrbeu.edu.cn>

## **3. Important Dates**

**Submission deadline:** September 15th, 2023

**Review completion date:** October 5th, 2023

**Conference registration date:** November 23rd, 2023

## **4. Registration**

For submissions, please contact :

Yan Liang, +86 17191087774 (International Participation) 250316778@qq.com

## **5. Conference Information**

### **Organizers:**

Sea Ice Committee of the Chinese Society of Oceanography, Harbin Engineering University

### **Co-organizers:**

China-Russia Joint Laboratory for Polar Technology and Equipment under the Ministry of Science and Technology

Key Laboratory of Polar Equipment Technology under the Ministry of Industry and Information Technology

Talent and Education Committee of China Shipbuilding Engineering Society

Heilongjiang Province Collaborative Innovation Center for Polar Equipment and Technology

Innovation & Cooperation in Naval Architecture & Marine Engineering

Research and Innovation Center of DUT and BSU

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Sea Ice Committee of the Chinese Society of Oceanography

Harbin Engineering University

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# Web of Conferences – A4 paper size, two columns format

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**Abstract:** You should leave 8 mm of space above the abstract and 10 mm after the abstract. The heading Abstract should be typed in bold 9-point Times. The body of the abstract should be typed in normal 9-point Arial in a single paragraph, immediately following the heading. The text should be set to 1 line spacing. The abstract should be centred across the page, indented 17 mm from the left and right page margins and justified. It should not normally exceed 200 words.

**Keywords:** keyword1; keyword2; keyword3; keyword4; keyword5

## 1 Page layout

Use A4 paper size (210 x 297 mm) and adjust the margins to those shown in Table 1. The final printed area will be 172 x 252 mm.

**Table 1.** Setting Word's margins.

Margin	mm
Top	25
Bottom	20
Left	20
Right	20

Use a two-column format, and set the spacing between the columns at 8 mm. Do not add any page numbers.

### 1.1 Formatting the title, authors and affiliations

#### 1.1.1 Formatting the title

The title is set in bold 16-point Arial, justified. The first letter of the title should be capitalised with the rest in lower case. You should leave 35 mm of space above the title and 6 mm after the title.

#### 1.1.2 Formatting author names and author affiliations

The style for the names is First Name, typed in italic 10-point Times, then Last Name, typed in 10-point Times, with a comma after all except the last author,

which is separated by comma + “and”. Do not use academic titles.

Affiliations of authors should be typed in 9-point Times. They should be preceded by a numerical superscript corresponding to the same superscript after the name of the author concerned. Please ensure that affiliations are as full and complete as possible and include the country.

### 1.2 Formatting the text

The text of your paper should be formatted as follows:

- 10-point Times, Times Roman or Times New Roman.
- The text should be set to single line spacing.
- Paragraphs should be justified.
- The first paragraph after a section or subsection should not be indented; subsequent paragraphs should be indented by 5 mm.

The use of sections to divide the text of the paper is optional and left as a decision for the author. Where the author wishes to divide the paper into sections the formatting shown in Table 2 should be used.

**Table 2.** Formatting sections, subsections and subsubsections.

	Font	Spacing	numbering
Section	12-point <b>Arial bold</b>	6 mm before 3 mm after	1, 2, 3, etc.
subsection	10-point <b>Arial bold</b>	6 mm before 3 mm after	1.1, 1.2, 1.3, etc.
subsubsection	10-point <i>Arial Italic</i>	6 mm before 3 mm after	1.1.1, 1.1.2, 1.1.3, etc.

## 2 Figures and tables

Figures and tables, as originals of good quality and well contrasted, are to be in their final form, ready for reproduction, pasted in the appropriate place in the text.

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Try to ensure that the size of the text in your figures is approximately the same size as the main text (10 point). Try to ensure that lines are no thinner than 0.25 point.

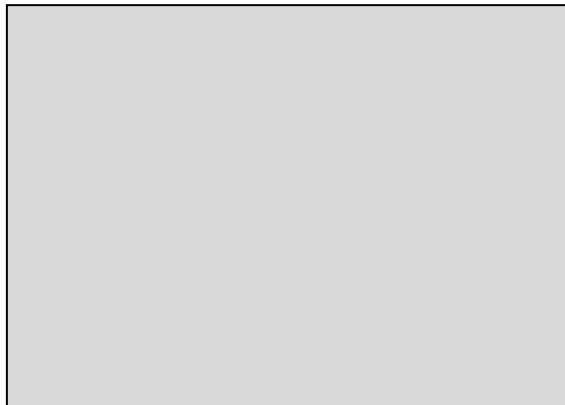


Fig. 1. Caption of the Figure 1. Below the figure.

## 2.1. Captions/numbering

Captions should be typed in 9-point Times. They should be centred above the tables and flush left beneath the figures.

## 2.2 Positioning

Place the figure as close as possible after the point where it is first referenced in the text. If there is a large number of figures and tables it might be necessary to place some before their text citation. If a figure or table is too large to fit into one column, it can be centred across both columns at the top or the bottom of the page.

## 2.3 Colour illustrations

You are free to use colour illustrations for the online version of the proceedings but any print version will be printed in black and white unless special arrangements have been made with the conference organiser. Please check with the conference organiser whether or not this is the case. If the print version will be black and white only, you should check your figure captions carefully and remove any reference to colour in the illustration and text. In addition, some colour figures will degrade or suffer loss of information when converted to black and white, and this should be taken into account when preparing them.

## 3 Equations and mathematics

Equations should be centred and should be numbered with the number on the right-hand side.

$$T_s(l,t) = T_g(l,t) \quad (1)$$

$$T_s(l,t) = T_g(l,t) T_b(x,t) = 0 \quad (2)$$

Use italics for variables (*u*) and bold (**u**) for vectors. The order for brackets should be  $\{\{\}\}$ , except where brackets have special significance.

The acknowledgements should be typed in 9-point Times, without title.

## References

Online references will be linked to their original source, only if possible. To enable this linking extra care should be taken when preparing reference lists.

References should be cited in the text by placing sequential numbers in brackets (for example, [1], [2, 5, 7], [8-10]). They should be numbered in the order in which they are cited. A complete reference should provide enough information to locate the article. References to printed journal articles should typically contain:

- The authors, in the form: initials of the first names followed by last name (only the first letter capitalized with full stops after the initials),
- The journal title (abbreviated),
- The volume number (bold type),
- The article number or the page numbers,
- The year of publication (in brackets).

Authors should use the forms shown in Table 3 in the final reference list.

Table 3. Font styles for a reference to a journal article.

Element	Style
Authors	Normal Initials followed by last name
Journal title	Normal Abbreviated
Book title, Proceedings title	Italic
Volume number	Bold
Page number	Normal
Year	Normal In brackets

Here are some examples:

1. V. Ivanov, A. Petrov, M. Sidorov, O. Smirnova, Russ. Marit. Res. 32, 15 (2006)
2. 2.D. Kuznetsov, E. Voronova, S. Nikolaev, Russ. Polar Ship. Rev. (in press)
3. 3.Yuri N. Romanov, Polar Ship Design Principles (Moscow University Press, Moscow, 2012)
4. 4.S. Popov, D. Rostov, A. Krasnov, L. Morozova, Russ. Navig. J. 45 (2010)