

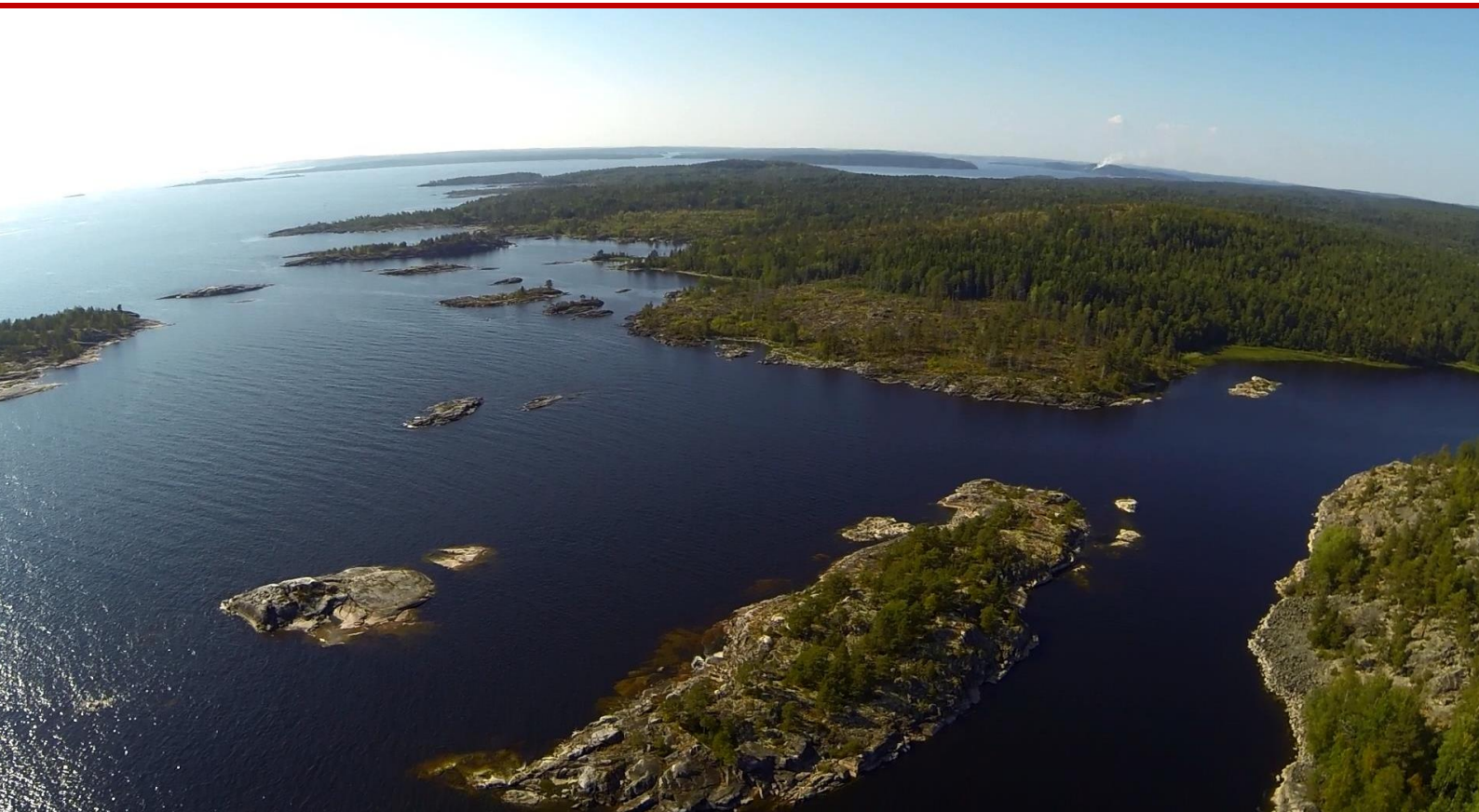
Institute of Geology Karelian Research Centre of RAS
Schmidt Institute of Physics of the Earth of RAS
Geological Department of Lomonosov Moscow State University
Institute of Geology Kola Research Centre RAS
Saint Petersburg State University



All-Russian conference with participation of foreign scientists

Deep structure and geodynamics of Lake Ladoga region

22 – 24 of May 2017
Petrozavodsk, Karelian Republic



Dear Colleagues!

It is a pleasure to invite you, as well as your motivated collaborators, to the conference “**Deep structure and geodynamics of Lake Ladoga region**” held in **Petrozavodsk, Karelian Republic, Russia**. **This scientific meeting is devoted to the problems of integrated geological-geophysical studies of Proterozoic mobile belts of ancient cratons on the example of Ladoga-Bothnian zone of the Fennoscandian Shield.**

The goal of the conference – the development of optimal geological and geophysical models of the structure and geodynamic evolution of the Ladoga-Bothnian zone and, in particular, Lake Ladoga region on the background of recent advances in their studies by Russian and foreign groups of geophysicists and geologists. We plan to discuss critically the current status of our knowledge and to consider perspectives of further investigations of the regional deep structure – from detailed studies up to the development of globally generalized patterns.

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Conference themes:

- Methods of experimental geoelectromagnetic studies and analyses of the results
- Studies of velocity, density and magnetic inhomogeneities
- Petrophysical properties of the rocks of Ladoga-Bothnian zone
- Correlations of near surface and deep structures
- Geological and geophysical characteristics of geological structures' junction zones
- Magmatic complexes and their reflection in geophysical fields
- Integration of geological and geophysical data for the development of Ladoga-Bothnian zone models
- Geodynamic processes in Precambrian
- Spatial distribution of regional ore-magmatic systems and their metallogenic specification

Venue and time:

The meeting will be held in the Conference Hall of the Institute of Geology of Karelian Research Centre of RAS (Petrozavodsk city, Pushkin str., 11), May 22 – 24, 2017.

Oral and poster presentations are welcome. The duration of an oral presentation: 20 min. For a poster presentation boards of 1m width and 1.5m height are available.

The conference language:

The conference working languages are Russian and English.

Publications:

The Proceedings of the conference will be published in the printing and electronic versions, with the papers being assigned RISC (Russian Index of Scientific Citation).

The Journal **“Transactions of Karelian Research Centre of Russian Academy of Science. Precambrian Geology Series”** invites the participants of the conference to publish the results of their studies.

Important dates:

- Extended abstracts for publication should be sent not later than April, 28
- The final program will be compiled by May, 11

Scientific excursion:

The conference program includes scientific excursion to the famous locations of Karelian mining trades. The program has been elaborated in the frames of international project “Mining road”.

During the excursion we will visit industrial mining memorials of Lake Ladoga region, such as ore park “Tulmozerie”, mountain park “Ruskeala” and others.

For more detailed information, please, visit WEB site miningroad.es.ru

Accommodation:

The Organizing Committee suggests several hotels in Petrozavodsk city for accommodation:

1. Hotel “Frigat” (“Фрегат”), located at the shore of the Onega Lake, nearby the Institute of Geology KarRC RAS. Standard single/double room - 2900/3300 rub. per a day. WEB Site frigatehotel.ru
2. Hotel “Zarechnaya” («Заречная»), located in the centre of Petrozavodsk city. The cost varies from 2000 rub. per a day in Single room. WEB Site zarekoy.ru
3. Budget hotel “Petrozavodsk” («Петрозаводск») is located in the centre of the city and offers Single rooms for 1800 rub. per day. A room shared with several guests costs 500 rub. per person per a day. WEB Site petrohostel.ru

If any difficulties will arise during booking, please, don't hesitate to address the Organizing Committee for assistance.

The rules of manuscripts' and abstracts' preparation

We plan to publish extended abstracts of the reports by the beginning of the conference.

The extended abstracts (in Russian or in English language) should be sent to email: geoladoga2017@igkrc.ru

Manuscripts should be carefully verified and edited by authors. Their volume (including tables, references, figure captions and figures) are 4-8 pages.

The Russian abstracts should be complemented by an English summary (150-200 words).

The abstract's format: MS Word.doc; 1.5 line spacing; font Times New Roman, 12; alignment left and right; 20mm margins from all the sides; paragraph indentation 10mm; without automatic hyphenation. Graphical materials with resolution being not less than 300 dpi are embedded into the text (white/black/gradation of grey) and commented by figure captions in Russian and English.

The literature referred should be listed in alphabetic order in original language. The number of the references are indicated in square brackets.

The formatting of the abstracts' text should be the following:

УДК 550.34

DEEP STRUCTURE OF LADOGA LAKE REGION

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²*Institute of the Physics of the Earth RAS, Moscow, Russia*

Summary (**Abstract**) in English language (150-200 words)

Introduction

Text...text

The methods

Text...text...in the book [1], in the article [2]

Fig. 1 The Geological map

References

1. Reference 1.
2. Reference 2.

Visa support

The invitation letter will be arranged and sent on your request for a support of your visa application according to actual rules.

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