



# Институт геологии

Карельского научного центра РАН

## INFORMATION

<http://igkrc.ru>

[http://petrozavodsk.ru/city\\_map/](http://petrozavodsk.ru/city_map/)

<http://intourist.onego.ru/karelia/12517117767907856.html>

<http://ptz-trans.ru/>

<http://petrozavodsk.ru/weather/>

The registration will take place in the foyer on the 2nd Floor (Karelian Research Centre Hall) 24 of May 2011 from 9.00 a.m.

**Languages** Russian and English. All will be translated simultaneously.

## ADDRESS:

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## PROGRAMME

24 May 2011, Tuesday

12<sup>00</sup> Celebratory programme in Karelian Research Centre Hall  
14<sup>30</sup> - 16<sup>30</sup> Lunch  
16<sup>30</sup> - 18<sup>00</sup> Concert  
18<sup>30</sup> Coctail Party (Building 1, floor 1, Karelian Research Centre)

## GEOLOGY OF KARELIA FROM THE ARCHAEOAN TO THE PRESENT

### CONFERENCE PROGRAMME

25 May 2011, Wednesday

10<sup>00</sup> - 18<sup>00</sup>

10-00 OPENING of CONFERENCE

CHAIRS:

Vladimir Shchiptsov & Sergey Svetov

10<sup>20</sup> - 10<sup>40</sup>

**Slabunov A.I.<sup>1</sup>, Hölttä P.<sup>2</sup>, Sharov N.V.<sup>1</sup>, Nesterova N.S.<sup>1</sup>**

<sup>1</sup>*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

<sup>2</sup>*Geological Survey of Finland, Espoo*

A 4-D FRAMEWORK OF THE FENNOSCANDIAN SHIELD EARTH CRUST  
GROWTH IN ARCHEAN: SYNTHESIS OF OFF-THE-SHELF GEOLOGICAL  
DATA

10<sup>40</sup> - 11<sup>00</sup>

**Kozhevnikov V.N.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

HADEAN-ARCHEAN DETRITAL ZIRCONS - TOOLS FOR  
UNDERSTANDING OF THE ANCIENT GEOLOGICAL HISTORY OF  
FENNOSCANDIAN SHIELD

11<sup>00</sup> - 11<sup>20</sup>

**Svetov S.A., Svetova A.I.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

ARCHEAN SUBDUCTION: MARKER ROCK ASSEMBLAGES AND  
ARCHITECTURE

11<sup>20</sup> - 11<sup>40</sup>

**Vrevsky A.B.**

*Institute of Precambrian geology and geochronology RAS, Saint-Petersburg*

ARCHEAN GREENSTONE BELTS: GEOLOGICAL AND ISOTOPIC FACTS  
AND GEODYNAMIC SPECULATIONS

11<sup>40</sup>



12<sup>00</sup>

Coffee/tea breaks

CHAIRS:

Vladimir Kozhevnikov & Alexander Slabunov

12<sup>00</sup> - 12<sup>20</sup>

**Sviridenko L.P.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

PRECAMBRIAN GRANITES AND GRANITES EMPLACEMENT

12<sup>20</sup> - 12<sup>40</sup>

**Stepanova A.V., Stepanov V.S., Slabunov A.I.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

ACHIEVEMENTS AND PROBLEMS IN THE STUDY OF BASIC MAGMATISM  
IN THE BELOMORIAN PROVINCE OF THE FENNOSCANDIAN SHIELD

12<sup>40</sup> - 13<sup>00</sup>

**Kulikov V.S.<sup>1</sup>, Bychkova Ya.<sup>2</sup>, Kulikova V.V.<sup>1</sup>**

<sup>1</sup>*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk,* <sup>2</sup>*Vernadsky Institute of  
Geochemistry and Analytical Chemistry, Moscow*


THE VETRENY POYAS: EARLY PROTEROZOIC TECTONIC - AND  
PETROLOGIC TYPE OF SOUTHEASTERN FENNOSCANDIA

13<sup>00</sup> - 13<sup>20</sup>

**Volodichev O.I., Korol N.E., Kuzenko T.I., Sibelev O.S.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

**METAMORPHISM OF EARLY PRECAMBRIAN COMPLEXES IN THE EASTERN FENNOSCANDIAN SHIELD**

13<sup>20</sup> 

14<sup>30</sup>

Lunch

CHAIRS:

Vyacheslav Kulikov & Oleg Volodichev

**Bogdanov Y.B.<sup>1</sup> and Robonen V.I.<sup>2</sup>**

<sup>1</sup>*A.P. Karpinsky Russian Geological Research Institute (VSEGEI), Saint-Petersburg*

<sup>2</sup>*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

**RESULTS OF THE ACTIVITIES OF THE REGIONAL STRATIGRAPHIC COMMISSION FOR NORTHWEST RUSSIA**

14<sup>50</sup> - 15<sup>10</sup>

**Zemtsov V.A.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

**EVOLUTION OF ROTATION STRUCTURES IN THE EARTH'S GEOLOGICAL HISTORY**

15<sup>10</sup> - 15<sup>30</sup>

**Golubev A.I., Ivashchenko V.I.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

**KARELIAN NOBLE-METAL PROVINCE: 21<sup>ST</sup>-CENTURY MINERAL RAW MATERIALS POTENTIAL OF NORTHWEST RUSSIA**

15<sup>30</sup> - 15<sup>50</sup>

**Kuleshevich L.V., Lavrov O.B.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

**NEW DATA ON THE MINERALOGY OF KARELIA'S GOLD UNITS**

15<sup>50</sup> - 16<sup>10</sup>

**Gorkovets V.Ya.<sup>1</sup>, Maksimovish L.A.<sup>2</sup>, Raevskaya M.B.<sup>1</sup>**

<sup>1</sup>*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*, <sup>2</sup>*Open joint-stock company "Karelsky okatish", Kostomuksha*

**KOSTOMUKSHA- THE LARGEST COMPLEX ORE PROVINCE OF THE REPUBLIC OF KARELIA**

16<sup>10</sup>



16<sup>30</sup>

Coffee/tea  
breaks

CHAIRS:

Nickolay Sharov & Vladimir Kovalevski

16<sup>30</sup> - 16<sup>50</sup>

**Kalinin Yu. K.<sup>1</sup>, Kovalevski V.V.<sup>2</sup>**

<sup>1</sup>*Research-and-production company "Carbon-Shungite" Ltd, Petrozavodsk*

<sup>2</sup>*Institute of Geology of Karelian Research Center of Russian Academy of Sciences, Petrozavodsk*

**SHUNGITE ROCKS – 50 YEARS OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH AT INSTITUTE OF GEOLOGY**

16<sup>50</sup> - 17<sup>10</sup>

**Rozhkova N.N.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

ROLE OF NONPLANAR GRAPHENES IN THE FORMATION OF SHUNGITE  
CARBON NANOCLUSTERS

17<sup>10</sup> - 17<sup>30</sup>

**Sharov N.V.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

SEISMIC MONITORING OF THE KARELIAN REGION

17<sup>30</sup> - 17<sup>50</sup>

**Rybakov D.S., Krutskikh N.V., Slukovsky Z.I., Lazareva O.V.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

ASSESSMENT OF THE CONDITION OF NATURAL-MAN-INDUCED  
GEOSYSTEMS IN PETROZAVODSK AND ADJACENT AREAS

17<sup>50</sup>

Poster session

**Golubev A.I.<sup>1</sup>, Shchiptsov V.V.<sup>1</sup>, Mikhailov V.P.<sup>2</sup>, Glushanin L.V.<sup>3</sup>**

*<sup>1</sup>Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk, <sup>2</sup>Karelian Geological Expedition, Petrozavodsk <sup>3</sup>Mineral Resources Department for the Republic of Karelia, Petrozavodsk*

REPUBLIC OF KARELIA'S MINERAL RESOURCES

**Shchiptsov, V.V., Bubnova, T.P., Garanzha, A.V., Danilevskaya, L.A., Skamnitskaya, L.S., Khazov, R.A., Ilyina, V.P., Lebedeva, G.A., Frolov, P.B., Shchiptsova, N.I.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

ASSESSMENT OF KARELIA'S INDUSTRIAL MINERAL POTENTIAL: STEP BY STEP

**Makarikhin V.V.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

PALEONTOLOGICAL STUDY OF PALAEOPROTEROZOIC ROCKS IN KARELIA

**Medvedev P.V., Makarikhin V.V., Rychanchik D.V.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

PALEOPROTEROZOIC STRATIGRAPHY OF THE EASTERN FENNOSCANDIAN SHIELD:  
STATE OF ART, PROBLEMS AND PROSPECTIVES

**Shelehkova T.S., Lavrova N.B.**

*Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk*

KARELIA'S LAKE SEDIMENTS: PALAEOECOLOGICAL AND PALAEOKLIMATIC  
RECONSTRUCTIONS

**26 May 2011, Thursday**

11<sup>00</sup>

Cultural programme

Exhibition times are 14:00 – 18:30 on Tuesday, May 24; 10:00 – 18:00 on Wednesday, May 25; 10:00 – 18:00 on Thursday, May 26.