



**International Conference**

# **RESULTS OF THE ELECTRONIC GEOPHYSICAL YEAR**

**Second Circular**

**Organizers:**

**Earth Sciences Branch RAS**

**International Program “Electronic Geophysical Year”**

**Geophysical Center RAS (Moscow)**

**Institute of Program Systems RAS (Pereslavl-Zalessky)**

**International Institute for Applied Systems Analysis (Austria, Vienna)**

**Schmidt Institute of Physics of the Earth (Moscow)**

**National Geophysical Committee of Russia**

**CODATA**

**International Union of Geodesy and Geophysics**

**June 3–6, 2009**

**Pereslavl-Zalessky, Yaroslavl Region,**

**Russia**

## **Dear Colleagues!**

We invite you to take part in the International Conference “RESULTS OF THE ELECTRONIC GEOPHYSICAL YEAR”, from 3 to 6 June, 2009 in Pereslavl-Zalessky – one of beautiful ancient towns of the Russian Golden Ring. Founded in 1152, the town is located 144 km from Moscow on a bank of the picturesque Plescheevo Lake surrounded by coniferous forests. The conference will take place at the Institute of Program Systems RAS, located 3 km from Pereslavl-Zalessky, where the participants will stay.

## Conference Sessions

- I. Electronic Geophysical Year, International Polar Year, International Heliophysical Year, International Year of Planet Earth, International Year of Astronomy.
- II. GIS, artificial intelligence methods in geoscience. Problems of geoinformatics in seismology and geocology.
- III. GRID systems.
- IV. Transition of World Data Centers into World Data System.
- V. Geomagnetic observations, geoinformatics and virtual observatories.
- VI. Global changes, climate and weather of the solar-terrestrial system.

## Program Committee

### CHAIR:

**A. Gliko**, Academician-Secretary of Earth sciences branch RAS, director of the Schmidt Institute of Physics of the Earth RAS (IFZ RAS), chair of section of seismology and physics of the Earth's interior of NGC RF

### CO-CHAIRS:

**A. Gvishiani**, Corr. Member RAS, Director of the Geophysical Center RAS (GC RAS), chair of the eGY committee in Russia, chair of NGC RF

**S. Abramov**, Corr. Member RAS, Director of the Institute of Program Systems RAS (IPS RAS)

### VICE-CHAIR:

**Yu. Lubovtseva**, PhD, GC RAS, vice-chair of NGC RF

### SECRETARY:

**R. Krasnoperov**, GC RAS



## Program Committee Members

- **Yu. Arsky**, Academician, All-Russian Institute of Scientific and Technical Information RAS (VINITI RAS);
- **Charlie Barton**, Prof., International Association of Geomagnetism and Aeronomy (IAGA), Australia;
- **A. Berezko**, PhD, Geophysical Center RAS (GC RAS);
- **V. Bondur**, Academician, Center of Aerospace Monitoring “Aerokosmos”;
- **Jean Bonnin**, Prof., Earth Data Network for Education and Scientific Exchange (EDNES), France;
- **V. Chanturia**, Academician, Research Institute of Comprehensive Exploration of Mineral Resources RAS (IPKON RAS);
- **David Clark**, Prof., National Geophysical Data Center (NGDC), USA;
- **Michel Diament**, Dr. Sc., Institute of Physics of the Earth (IPGP), France;
- **Peter Fox**, Prof., High Altitude Observatory, National Center for Atmospheric Research (NCAR), USA;
- **V. Kotlyakov**, Academician, Institute of Geography RAS (IG RAS);
- **A. Kryazhimsky**, Academician, International Institute for Applied Systems Analysis (IIASA), Austria;
- **V. Kuznetsov**, Dr. Sc., N.V. Pushkov Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation RAS (IZMIRAN), chair of section for geomagnetism and aeronomy NGC RF;
- **Jean-Bernard Minster**, Prof., World Data System Transition Team, International Council for Science (ICSU);
- **I. Mokhov**, Corr. Member RAS, A.M. Obukhov Institute of Physics of the Atmosphere RAS, chair of section for meteorology and atmospheric science NGC RF;
- **Ye. Morozov**, Dr. Sc., P.P. Shirshov Institute of Oceanology RAS (IO RAS), chair of section of physical science for the ocean NGC RF;
- **Bill Peterson**, Prof., Secretary of eGY National Committee, USA;
- **D. Rundkvist**, Academician, V.I. Vernadsky State Geological Museum RAS (SGM RAS);
- **V. Savinykh**, Corr. Member RAS, Moscow State University of Geodesy and Cartography (MIIGAiK), chair of section for geodesy NGC RF;
- **I. Zektser**, Dr. Sc., Institute of Water Problems RAS (IWP RAS), chair of section for hydrology NGC RF;



- **M. Zgurovsky**, Academician of the National Academy of Sciences of Ukraine, National Technical University of Ukraine “Kiev Polytechnic Institute” (NTUU “KPI”), Ukraine;
- **M. Zhizhin**, PhD, Geophysical Center RAS (GC RAS);
- **Jacques Zlotnicki**, Prof., CNRS, Clermont-Ferrand, France.

## Organizing Committee

### CHAIR:

**L. Labuntsova**, PhD, GC RAS, tel.: +7 495 930-56-09; e-mail: [org-egy@gcras.ru](mailto:org-egy@gcras.ru)

### VICE-CHAIR:

**V. Yumaguzhina**, IPS RAS

### SECRETARY:

**T. Prismetlaya**, GC RAS, tel.: +7 495 930-56-39

### COMMITTEE MEMBERS:

**E. Firsova, A. Rybkina, E. Bolotsky, S. Lebedev, V. Nechitailenko**, GC RAS

## Preliminary program

### 3 June, Wednesday

09:00	Departure from Moscow. Group transfer to Pereslavl-Zalessky
12:00–13:00	Arrival to Pereslavl-Zalessky. Registration of participants
13:00–14:00	Lunch
14:00–15:00	Registration of participants
15:00	Tour of Pereslavl-Zalessky: visit to the Botik (boat) of Peter the Great, museum of steam locomotives, museum of irons, cathedrals and churches
19:00	Welcome party



#### 4 June, Thursday

08:00–09:00	Registration of participants
09:00–09:30	<b>Conference opening</b>
09:30–11:30	Plenary session 4.1 <b>Results of eGY</b>
11:30–12:00	Coffee break
12:00–14:00	Plenary session 4.2 <b>Electronic Geophysical Year, International Polar Year, International Heliophysical Year, International Year of Planet Earth, International Year of Astronomy</b>
14:00–15:30	Lunch
15:30–17:10	Plenary session 4.2 (resumption) <b>Electronic Geophysical Year, International Polar Year, International Heliophysical Year, International Year of Planet Earth, International Year of Astronomy</b>
17:10–17:30	Coffee break
17:30–19:30	<b>Poster session.</b> Wine tasting
18:30–19:30	<b>Meeting of the NGC RF Bureau</b>
20:00	Dinner

#### 5 June, Friday

8:30–11:30	Parallel session 5.1 <b>GIS, artificial intelligence methods in geoscience. Problems of geoinformatics in seismology and geocology</b>
8:30–11:30	Parallel session 5.2 <b>GRID systems</b>
11:30–12:00	Coffee break
12:00–14:00	Parallel session 5.1 (resumption) <b>GIS, artificial intelligence methods in geoscience. Problems of geoinformatics in seismology and geocology</b>
12:00–14:00	Parallel session 5.3 <b>Geomagnetic observations, geoinformatics and virtual observatories</b>
14:00–15:30	Lunch
15:30–17:10	Parallel session 5.4 <b>Transition of World Data Centers into World Data System</b>
17:10–17:30	Coffee break
17:30–19:00	<b>Meeting of the Council of the Russian-Ukrainian WDC Segment</b>
20:00	Dinner reception



### 6 June, Saturday

- 8:30–11:00      Session 6.1 **Global Changes, Climate and Weather in the Solar-terrestrial System**
- 10:00–11:00      **CODATA WG**
- 11:00–11:20      Coffee break
- 11:20–12:00      Closing session. **Discussion**

## **Cultural events**

### 3 June, Wednesday

- 15:00              Tour of Pereslavl-Zalessky: visit to the Botik (boat) of Peter the Great, museum of steam locomotives, museum of irons, cathedrals and churches
- 19:00              Welcome party

### 5 June, Friday

- 20:00              Dinner reception

### 6 June, Saturday

- 14:10              Tour of Rostov Veliky



## **Applications for participation in the Conference and abstracts submitting procedure**

Short abstracts (not more than one A4 page) should contain the following information: presentation's title; author's name and surname; name of the organization and the text. Abstracts are requested to be submitted in Russian and English in MS WORD format (\*.doc).

Materials of the conference with full-text reports are planned to issue.

Abstracts are requested to be sent by e-mail to [prog-egy@gcras.ru](mailto:prog-egy@gcras.ru)

Registration applications for participation can be presented according to the form at the "Registration" section of the Conference site <http://egy-russia.gcras.ru/>

All the following information will be published on the Conference web-site <http://egy-russia.gcras.ru/>

Applications submission deadline: 30 April 2009

Abstracts submission deadline: 30 April 2009

Please, mention the session of your presentation and the presentation format – oral or poster presentation.

### **Participation procedure**

The organizing fee is 400 Euros for participants and 300 Euros for accompanying persons, including transfer Moscow – Pereslavl-Zalessky – Moscow, meals, tea and coffee, conference materials, welcome dinner on 5 June and welcome party on 3 June. The fee also includes the payment for double room in the hotels. Additional payment for single rooms is from 500 to 1000 Roubles per day.

The information on the payment procedure will be included into the following circular.

Working languages of the Conference are Russian and English.

