

Saint-Petersburg State Mining Institute (Technical University) (Russia)

«PHOENIX GEOPHYSICS LTD» (Canada)



**The 4<sup>th</sup> International Seminar of  
Research and Applied Geophysics**



**APPLICATION OF THE MODERN ELECTRIC  
EXPLORATORY TECHNOLOGIES IN  
PROSPECTING OF MINERAL DEPOSITS**

*March 21-22, 2006, St-Petersburg*

**CIRCULAR**

**ST-PETERSBURG  
2006**

*Dear Colleagues!*

**YOU ARE INVITED TO TAKE PART IN WORK OF THE SEMINAR**

*The Seminar is devoted to actual problem of using modern electric exploratory technologies in prospecting of different mineral deposits.*

The major attention will be devoted to the questions of methodology and the experience of using the most newest home-produced and foreign methods of electric exploratory in the search and prospecting of oil and gas resources.

Therewith here will be analyzed the questions of application a different methods of electric exploratory in the searches of metallic and non-metallic mineral deposits, geological and geophysical accompaniment of digging an mineral deposits, also the questions of monitoring natural and industrial processes, solving hydro geological and geotechnical purposes.

The Seminar is oriented on participation the lead specialists of government and private industrial and scientific-work organizations ( the Universities and Institutes), which engage planning the works, selection and diagnostic of methods, creating effective complexes of geophysical methods.

Also is planned a change of opinions with participation on the lead specialists in the field of electric exploratory, the demonstration of mechanical facilities (equipment), a presentation of technologies and program soft support.

#### **Steering committee**

*Chair: V. Litvinenko* – rector SPMI (TU) (RUSSIA)

*Co-chair: Leo Fox* – chief executive «Phoenix Geophysics Ltd» (Canada)

*Members Steering committee: N.Pashkevitch, V.Trushko, M.Ivanov, A.Kozlov, A.Egorov, S.Kireev, V.Glazunov, A.Molchanov* (SPMI, St-Petersburg, Russia), *A.Ingerov* (company «Phoenix Geophysics Ltd», Toronto, Canada).

***The participants are proposed to discuss in their reports the following main subjects:***

1. Up-to-date technologies and the experience of an application of modern electric exploratory methods in the oil and gas fields prospecting.

2. Geophysics and geochemistry comprehensive technologies in the oil and gas fields prospecting.

3. Multifunctional and specialized electric exploration instruments: the actual conditions and trends of improvement

4. Software tools of interpretation and analysis of electric prospecting data.

5. Up-to-date technologies and the experience of an application of modern electric exploratory methods in prospecting of metallic, nonmetallic mineral deposits and of geological engineering survey:

- iron, nonferrous and rare metals;
- diamond deposits;
- fossil groundwater;
- thermal resources;
- natural and technogenic process monitoring;
- geological engineering and ecology.

***Official languages:*** Russian, English.

***Form of participation:***

- invited report (30 minutes);
- section report (15 minutes);
- poster presentation (execution like a printing in the sheets format A4, graphics A1, A0).

***Registration fee:***

- for participants from foreign countries \$200 (USD);

Registration fee is paid in the rubles (1 dollar USD converted in rubles in the time of payment at the rate of Central bank of Russian federation).

***Registration fee include*** the cost of expenses on:

- publication of materials and programs of seminar;
- the participation in the friend meeting (ice-breaker);
- the tea and coffee in the breaks;
- connection and mail services;
- synchronous translation;
- Public dinner;

***Placement:***

You will receive the extra message by email about arrangements a places in the hotels. We ask a participants of the seminar, who is interested in arrangements, write us before 20 of February 2006.

***Entry:***

The ask to send request to Nina Pokrovskaya to ath address:

SPMI, 21 line, 2; 199106, St.-Petersburg, RUSSIA or E-mail:  
[NPokrovskaya@spmi.ru](mailto:NPokrovskaya@spmi.ru)

***Necessarily Information:***

I will have an extra notice by email about including Your report in the program of Seminar, about form and report reglament, about expectation variant of placement of foreign participations, the place and time of registration and events.

***Steering committee:***

**Tel:** (812)328-86-58; **Fax:** (812) 327-78-28;

**E-mail:** NPokrovskaya@spmi.ru

***Dates:***

- Requests about participation and the playcement – before **February 10, 2006.**
- Registration fee – before **March 21, 2006.**
- Coming in ST. Petersburg and registration – before **March 21, 2006.**
- Seminar – **21 и 22 March 2006.**
- **March 23** – the day of the leaving.

**APPLICATION OF THE MODERN ELECTRIC  
EXPLORATORY TECHNOLOGIES IN PROSPECTING OF  
MINERAL DEPOSITS**

**(Mach 21-22, 2006 г., St-Petersburg)**

**ENTRY**

Surname: \_\_\_\_\_

Name: \_\_\_\_\_

Science-degree, rank: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

Tel: \_\_\_\_\_

Theme (see the page 3) \_\_\_\_\_

Title report: \_\_\_\_\_

Form of report: \_\_\_\_\_

(invited, sectional, poster presentation)

**Information about locate in hotel**

I plan to stay in the hotel of **Mining Institute**

I need a reservation in the hotel of St. Petersburg

I am not interested in the place of living

Date \_\_\_\_\_ Signature \_\_\_\_\_