

STATE RESEARCH CENTER OF THE RUSSIAN FEDERATION
CONCERN CSRI ELEKTROPRIBOR, JSC

INTERNATIONAL ASSOCIATION OF GEODESY (IAG)



**IAG SYMPOSIUM ON TERRESTRIAL GRAVIMETRY:
STATIC AND MOBILE MEASUREMENTS**

**17-20 September 2013
Saint Petersburg, Russia**

Co-sponsored by:

- RUSSIAN FOUNDATION FOR BASIC RESEARCH
- COMMITTEE FOR SCIENCE AND HIGHER EDUCATION OF SAINT PETERSBURG GOVERNMENT

You are invited you to take part in the **IAG Symposium on Terrestrial Gravimetry: Static and Mobile Measurements (TG-SMM2013)**. The Symposium will be held on September 17-20, 2013 at the State Research Center of the Russian Federation – Concern CSRI Elektropribor, JSC.

TOPICS

The Symposium topics include:

- instrumentation and methods for absolute and relative measurement of gravity fields, static and mobile measurements and their application to shipborne, airborne platforms (planes, helicopters, airships) and other mobile platforms;
- absolute ballistic gravimeters (including those based on the use of cold atoms), relative gravimeters of all types including superconducting gravimeters;
- gravity gradiometers;
- new results of measurement of gravity networks and the coverage of new regions;
- metrology issues in gravimetry, the results of the comparisons of absolute gravimeters, application of gravity measurements in metrology;
- standardization and databases of absolute measurements of the gravity field;
- gravitational experiments.

The following topics are especially welcome for presentation at the Symposium:

- new technologies and applications of gravity measurements such as planetary absolute and relative gravimetry;
- links between satellite and terrestrial or planetary gravity measurements;
- possible applications of terrestrial gravimetry in combination with GPS/GLONASS technologies;
- gravimetry applications in navigation.

The Symposium languages are English and Russian. Simultaneous translation from Russian into English and from English into Russian is provided.

The Symposium program includes plenary and poster papers. Presentation of plenary papers (including discussion) should be no longer than 20 min. The authors of poster papers at the plenary session are given 3 min to present the main idea of the paper with 1-2 slides, if any; further discussion will continue at the posters.

The book of abstracts in English and Russian will be published by the beginning of Symposium and distributed at the registration.

The Symposium proceedings (full texts of plenary and poster papers) will be published after the Symposium, in English only.

Abstracts in English up to of 2,000 printed characters **should be submitted online via the Conference Management System CoMS-Elektropribor** <http://comsep.ru>

Abstracts should be prepared according to the guidelines provided at the Symposium website, and should contain names, countries, organizations of all the authors, and e-mail, phone and fax numbers of the contact person.

Abstracts not complying with the above requirements will not be considered by the Scientific Committee.

Paper files should also be submitted via **CoMS-Elektropribor**.

Abstracts and papers **are not accepted by e-mail**.

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IMPORTANT DATES

18 January 2013 – deadline for abstract submission.

1 April 2013 – accepted papers listed on the Symposium website.

15 April 2013 – the Symposium preliminary program available on the website.

By 16 August 2013 – Registration Forms can be filled in on the website.

18 October 2013 – deadline for submission of papers to be published in Symposium proceedings.

REGISTRATION FEE

The registration fee is \$500 if paid before 16 August 2013 and \$550 if paid after 16 August 2013.

For students and postgraduates the registration fee is reduced to 50%: \$250 and \$275, respectively.

The registration fee includes: participation in the Symposium, a copy of an abstract book (before the Symposium), a copy of the Proceedings (after the Symposium), lunches, coffee breaks during three Symposium days, drink reception on the first day.

CULTURAL PROGRAM

On September 19 the sight-seeing tour of Saint Petersburg will be arranged at extra cost.

Full information about the Symposium, including the preliminary program, the schedule, the registration form of a participant, the instructions on preparing a paper, the sample paper, etc., is available at the Symposium website:

<http://www.elektropribor.spb.ru/tgsmm2013/eindex>

Please visit the Symposium website regularly for the latest updates.

We look forward to welcome you at the Symposium.

CONTACT INFORMATION:

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P.S. Please forward the Symposium information to everyone who might be interested.