

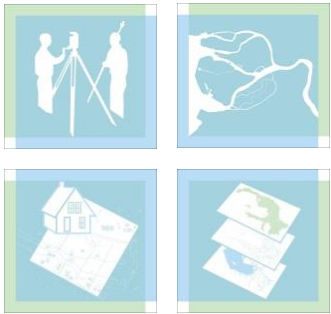


GeoKa 2019 GeoCa

Санкт-Петербург

November, 06–08

Saint-Petersburg



«Geodesy, Cartography, Geoinformatics and Cadastre.
Science and Education»

**III All-Russian Conference on Applied Science
with International Participation and School of Young Scientist**



Founders of the Conference:



Herzen University;
ITMO University;
St. Petersburg Association for Surveying & Mapping.



Supporting Organizations:

University of Mines (Department of Engineering Geodesy);
Petersburg State Transport University (Department of Engineering Geodesy);
The Department of the Federal Service for State Registration, Cadastral Records and Cartography in Saint Petersburg;
St. Petersburg Branch of Russian Geographical Society;
Topcon Corporation;
LLC «Geodezicheskie Pribori»;
LLC «Benta»;
«Photogrammetria» Ltd;
Geoscan group of companies;
JSC «Aerogeodesya»

Information partners:

«Geoprofi» magazine; «Kadastr Nedvizhimosti» magazine; «Izskatelskiy vestnik» magazine,
LLC «Guild of Geodesists»
Communication service is provided by «Telphin»



About the conference:

The main idea of the Conference is to create a platform for experience exchanging and presentation of research projects and innovation results in geodesy, cartography, geoinformatics and cadastre.

The leading topic of the Conference – «Science, education and production: development problems». It is planned to discuss problems of special training in conditions of scientific and technical modernization and transition to digital economy.

Working languages: main – Russian, second– English.

Participants are: employees of specialized departments from universities, PhD students, employees from scientific research institutes, professionals from geodetic and cartographic companies, vendors of geodetic, cartographic, GIS equipment and software and also those, who use geodetic, cartographic and GIS technologies in their activities.

The program of the Conference includes: plenary meeting, sections work and round tables. In the days of the Conference, the School of Young Scientists will be held. Within the framework of the School there will be organized workshops and lectures from specialists in cartography, GIS technology, remote sensing and other areas.

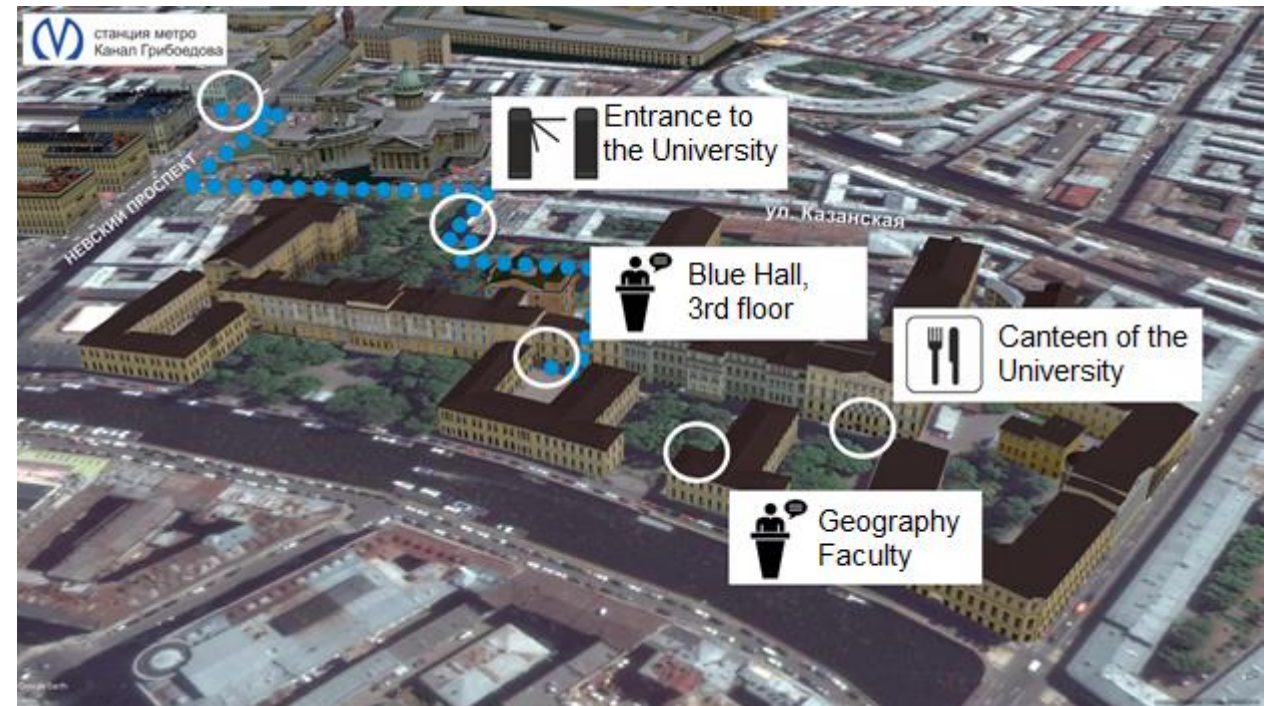
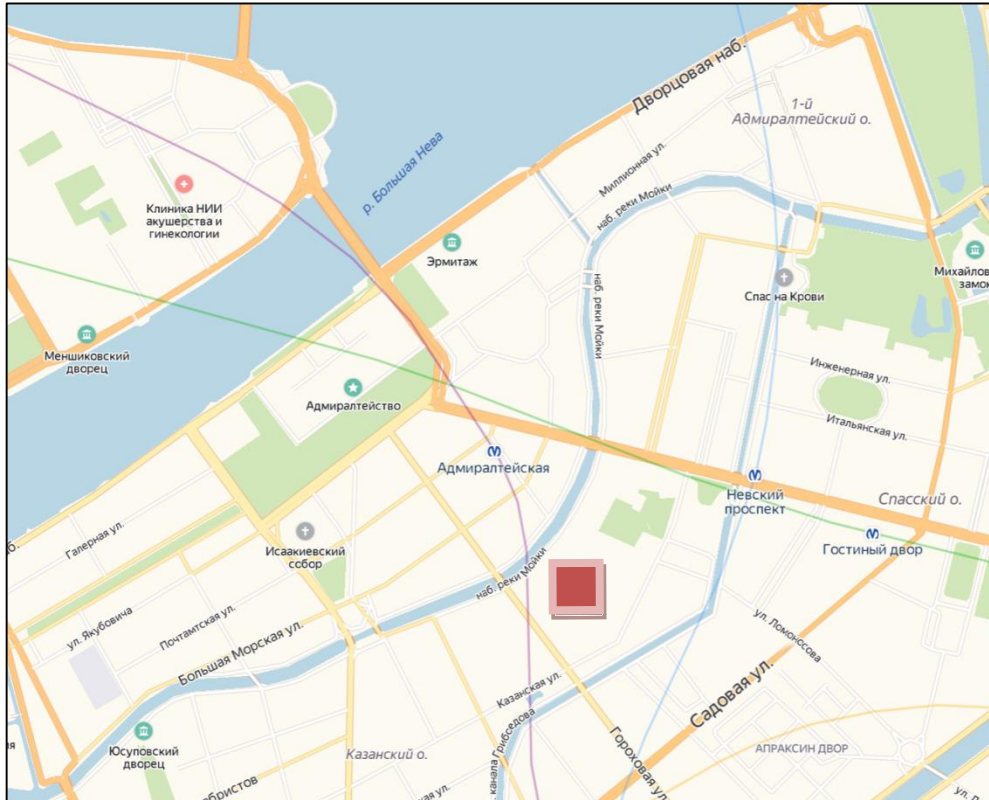
Collection of conference materials will be published.



Ru/En

Venue:

Herzen University Address: Saint Petersburg, 48 Moyka River Embankment, entrance from 6 Kazanskaya street.





Geodesy and Remote Sensing Section

1. Application of space activity results: GNSS, remote sensing.
2. Hardware and methods for geodetic measurements processing: geodetic instruments, aerial photography and scanning, ground-based mobile scanning, mathematical processing of geodetic measurements, software.
3. Applied geodesy: engineering and mining surveying; deformation monitoring; industrial geodesy.



Cartography Section

1. The development of theory and methodology of modern cartography.
2. Mapping in the interests of sectoral and regional development.
3. Cartographic support of ecological activity.
4. Historical and cartographic researches, cartographic heritage objects.



Geoinformatics Section

1. GIS and environmental researches.
2. GIS and infrastructure of spatial data.
3. GIS: technology and algorithms.



Cadastre Section

1. Cadastral activity at the present time: development and problems of implementation.
2. Solutions of land use problems in implementation of cadastre activity.

Round table discussion: «Problems of law-enforcement practices in cadastre activity».



Modern Geographic Education Section

1. Trends of modern education in Earth Scientists.
2. Professional education in geodesy, cartography, geoinformatics and cadastre.

School of Young Scientists

- Lectures and workshops on the latest trends in cartography, geodesy, geoinformatics and remote sensing.
 - Workshop «Cartographic Internet sources».
 - Workshop «GIS in paleogeography».
 - Workshop «Solutions for geodetic support of construction with application of BIM-technologies».
 - Workshop «Modern scanning solutions for surveying of buildings and structures».
- (Program of School of Young Scientists continues forming)



PROGRAM



November 6		November 7		November 8	
09:00 – 10:00	Registration of participants in assembly hall of Herzen University (6 Kazanskaya street)	Section sessions at Herzen University (6 Kazanskaya street)		Section sessions at Herzen University (6 Kazanskaya street)	
10:00 – 12:00	Ceremonial opening. Plenary session	10:00 – 12:00	Work of Sections.	10:00 – 13:00	Work of Sections, School of Young Scientists
12:00 – 12:20	Coffee Break	12:00 – 12:20	Coffee Break	13:00 – 13:30	Coffee Break
12:20 – 14:00	Work of Sections	12:20 – 14:00	Work of Sections	13:30 – 14:00	Summary of the conference
14:00 – 14:45	Lunch Break	14:00 – 14:45	Lunch Break	14:00 – 14:45	Lunch Break
14:45 – 16:15	Work of Sections	14:45 – 16:15	Work of Sections. Round Table	15:00 –	Excursions
16:15 – 16:30	Coffee Break	16:15 – 16:30	Coffee Break		
16:30 – 18:00	Work of Sections	16:30 – 18:30	School of Young Scientists		



Registration:

Additional information about the conditions of participation in the conference can be found on the website www.geoca-conference.ru in the section «Participation».

September 5, 2019 – close of early registration;

September 20, 2019 – deadline for abstract submission;

October 30, 2019 – close of late registration;

November 06–08, 2019 – dates of the Conference.

The fee is 2500 rubles for registered before September 1st, for late registration the fee is 3000 rubles, 500 rubles – for students and PhD. Invoice for the payment can be found on the website.

Requirements for abstracts can be found on the website in the section «Participation - Requirements for abstracts»: www.geoca-conference.ru/rus/thesis

Time limits:

Plenary report – 20 minutes;

Section report – 15 minutes;

Round tables – 1.5 - 2 hours.

Organizing Committee



Steering Committee Chair –*Bogdanov S.I.*, corresponding member of Russian Academy of Education, professor, rector of Herzen University.

Deputies of the Steering Committee Chair:

Subetto D.A., dean of Geography Faculty at Herzen University;

Nikitin, S. V., deputy head of the Department of the Federal Service for State Registration, Cadastral Records and Cartography in Saint Petersburg;

Hegay D.K., director of the Department of Defense and Dual-Use Technologies, ITMO University;

Gleyzer, V.I., professor, deputy general director of LLC «Geodezicheskie Pribori»;

Bogdanov, A.S., chairman of Saint Petersburg Association for Surveying & Mapping.

Organizing Committee members:

Martynova T.S., general director of LLC «LKM»;

Alekseev, M.D., general director of LLC «Geodezicheskie Pribori»;

Ian Stilgoe, director of the Department of GeoPositioning Solutions in «Topcon Positioning Systems», FCInstCES, MRICS;

Vinogradov, P.K., general director of LLC «Benta»;

Woynarowski, A. E., associated professor, Department of Cartography & Geoinformatics, SPbSU; general director of «Photogrammetria» Ltd;

Semenov, A.E., general director of «Geoscan group of companies».

Program Committee



Chairman of the Committee – *Subetto D.A.*, dean of Geography Faculty at Herzen University.

Committee members:

Aliev, T. A., associated professor of the Department of Land Management & Cadastral Register, SPbSU;

Badenko, V.L., professor of the Department of Water Resources and Hydrotechnical Engineering, Peter the Great Saint-Petersburg Polytechnic University;

Bryn, M. Y., professor, head of the Department of Engineering Geodesy, Petersburg State Transport University;

Gdalin D.A., associated professor, Department of Economical Geography at the Herzen University;

Zasyad'-Volk, V.V., associated professor of the Department of Land Management & Cadastral Register, SPbSU;

Kapralov, E. G., associated professor of the Department of Cartography & Geoinformatics, SPbSU;

Karasev V.B., professor, deputy director of the Department of Defense and Dual-Use Technologies, ITMO University;

Lazebnik, O.A., associated professor of the Department of Cartography & Geoinformatics, SPbSU;

Mustafin, M. G., professor, head of the Department of Engineering Geodesy, National Mineral Resources University;

Panidi, E.A., associated professor, head of the Department of Cartography & Geoinformatics, SPbSU;

Polikarpov, A.M., associated professor of the Department of Land Management & Cadastral Register, SPbSU; associated professor of the Department of Municipal Facilities, Geodesy, Land Management and Cadastres, St. Petersburg State University of Architecture & Civil Engineering;

Rozentau A., researcher, Geological Department at Tartu University;

Sviridenko, S.V., head of the Cartography Department, The National Library of Russia.

Secretariat of the conference

Andreeva, T.A., senior lecturer of the Department of Cartography & Geoinformatics, SPbSU;

Kazakov, E.E., researcher, State Hydrological Institute, Saint Petersburg; GIS developer, NextGIS, Moscow;

Sokolova Yu.V., leading engineer, Arctic and Antarctic Research Institute;

Paranina A.N., associated professor, Department of Physical Geography and Environmental Management at Herzen University;

Brylkin V.V., engineer, Department of Physical Geography and Environmental Management at Herzen University;

Grekov I.M., assistant lecturer, Department of Physical Geography and Environmental Management at Herzen University;

Kublitskiy Yu.A., associated professor, Department of Physical Geography and Environmental Management at Herzen University;

Ilinsky S.V., associated professor, Department of Method of Geography Education and Regional Studies at Herzen University;

Responsible secretary of the Committee:

Turin Sergey, associated professor of the Department of Cartography & Geoinformatics, SPbSU.

Grekov Ivan, assistant lecturer, Department of Physical Geography and Environmental Management at Herzen University.

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www.geoca-conference.ru

Questions?
Write to us!

support@geoca-conference.ru