

ORGANIZING COMMITTEE:

Conference co-chairmen:

Ihor Trevoho – President of Public Union “Ukrainian Society of Geodesy and Cartography”, Doctor of Sciences, Professor, Lviv, Ukraine

Yaroslav Yatskiv – Director of Main Astronomical Observatory, Academician at the National Academy of Sciences of Ukraine, Kyiv, Ukraine

Andriy Halaida - Head of Department of the State Service of Ukraine for Geodesy, Cartography and Cadastre, Kyiv, Ukraine

Scientific Committee:

Kornyliy Tretyak – Director of the Institute of Geodesy at Lviv Polytechnic National University, Doctor of Sciences, Professor, Lviv, Ukraine

Pavlo Tkachuk – Head of Hetman Petro Sahaidachnyi National Army Academy, Colonel-General, Doctor of Sciences, Professor, Lviv, Ukraine

Valentyn Maksymchuk – Carpathian branch S. I. Subbotin’s Institute of geophysics, Ukrainian National Academy of Sciences, Corresponding Member of the NAS of Ukraine, Doctor of Sciences, Lviv, Ukraine

Yuriy Karpinskiy - RIGK, head of the KNUBA department, Doctor of Sciences, Professor, Kyiv, Ukraine

Natalia Kablak – professor of the Uzhhorod National University, doctor, professor, Uzhgorod;

Janusz Walo – President of the Polish Society of Geodesy, Professor of the Warsaw Polytechnic, Doctor of Sciences, Professor, Warsaw, Poland

Wilhelm Heger – Doctor of Sciences, Professor at Neubrandenburg University of Applied Sciences, Neubrandenburg, Germany

Armands Celms – Dean at Latvian University of Life and Environmental Sciences, Doctor of Sciences, Professor, Elgava, Latvia

Zbigniew Siejka – Doctor of Sciences, Professor at University of Agriculture in Krakow, Poland;

Thomas Willemssen - Dean at University of Applied Sciences, Doctor of Sciences, Professor, Neubrandenburg, Germany

Executive Committee:

Borys Chetverikov – Doctoral student at Lviv Polytechnic National University, Doctor, Lviv, Ukraine

Tetyana Hrytsyk – Member of the board of WGS, Doctor, Associated Professor, Rivne-Varash

Oleg Ivanchuk – Member of the board of WGS, Doctor of Sciences, Professor. at Volyn National University named after Lesya Ukrainka, Lutsk

Nazar Stupen – Member of the board of WGS, Doctor of Sciences, Professor at Lviv Polytechnic National University, Lviv, Ukraine

Viktor Lozynskyy – Engineer at Lviv Polytechnic National University, Doctor, Lviv, Ukraine

Olena Vanchura – Engineer at Lviv Polytechnic National University, Lviv, Ukraine

Vitaliy Kilaru – Member of the board of WGS, Director of “Zachidzem”, Chernivtsi, Ukraine

The leading firms and enterprises will participate in the exhibition of up-to-date geodetic and photogrammetric equipment, software products and cartographic production.

«*Geodesy for development and progress*»

April 10-12,
2024



Lviv - Brukhovychi,
Ukraine

G E O F O R U M - 2 0 2 4

the XXVII International Scientific and
Technical Conference

dedicated to the anniversary of the professional holiday of
geologists, land-surveyors and cartographers of Ukraine

Invitation
and general programme

Conference organizer:

WESTERN GEODETIC SOCIETY USGC

Under the auspices of:

- Ministry of Education and Science of Ukraine
- Ministry of Defence of Ukraine
- NAS of Ukraine
- Lviv Polytechnic National University, Lviv
- Hetman Petro Sahaidachnyi National Army Academy
- State Service of Geodesy, Cartography and Cadastre
- FIG – International federation of geodesists
- CLGE – Council of European Geodetic Surveyors
- PU “Ukrainian Society of Geodesy and Cartography”
- PO “Ukrainian Aerial Geodesic Association”
- Scientific Research Institute of Geodesy and Cartography
- SGP – Polish Society of Geodesy
- Leica Geosystems, NGC, Kharkiv
- CHC NAV, China
- Zachidzem, Chernivtsi
- GEOFIX LLC, Kyiv
- Carpathian branch S.I.Subbotin’s Institute of Geophysics
- Ivano-Frankivsk National Technical University of Oil and Gas
- Military Institute of Taras Shevchenko National University of Kyiv
- Kailas Group, Kyiv
- ABRIS Design Group, Kyiv
- Mirmychyy LLC., Lviv
- SystemSolutions LLC., Kyiv
- Transcarpathian regional branch of SE UkrSGE, Mukachevo

Media sponsors:

- «Modern achievements in geodetic science and production», Lviv
- «Geodesy, cartography and air photography», Lviv
- «Przegląd Geodezyjny», Warsaw
- «GIM», the Netherlands
- «Geodetický a kartografický obzor», Praha
- «Coordinates», India

You are welcome to participate

G E O F O R U M – 2024

to be held on April 10-12, 2024 at Lviv Polytechnic National University, Lviv and at the hotel «Valentyna» in Bryukhovychi. Conference registration starts on 10.04.2024, at 9³⁰ a.m. The transfer of participants to the conference place will be arranged from 8³⁰ till 9³⁰ from Institute of Geodesy (6, Karpinskogo Street). Do not hesitate to contact Organizing Committee about all needed information, additional informletters will be sent you later.

CONFERENCE FEE:

The registration fee of 90 EUR paid by each conference participant will be spent on:

- ✓ preparing and publishing the Collection of scientific papers;
- ✓ publishing the conference programme, making invitation cards and attributes for the participants;
- ✓ coffee breaks;
- ✓ organizing excursions, transportation, rent.

90 EUR/day of accommodation and food costs per each participant should be paid on the registration.

CONTACT INFORMATION:

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<http://www.zgt.com.ua>

Important! Scientific journal “Modern achievements of geodesic science and industry” will be published before the conference.

Publication requirements: <http://zgt.com.ua/en/journal/>

New posts on the website: <http://www.zgt.com.ua>

The programme of the Conference includes plenary and sectional sessions, poster presentations.

CONFERENCE SECTIONS:

- Geodesy and Geodynamics, Instrument Engineering;
- Engineering Geodesy, geodetic monitoring in building;
- Photogrammetry, Cartography, GIS, UAV technology;
- Cadastre, Land Management;
- Military geodetic and GIS-technology;
- Panel reports and presentations.

THE MAIN CONFERENCE TOPICS:

- Education in Geodesy, Cartography and Land management;
- Development of topographic, geodetic and cartographic activities in Ukraine;
- Aspects of the use of UAVs in the economic and defense sectors of the country;
- Geodetic and land management provision of the country during wartime and reconstruction;
- Studying the figure and external gravity field of the Earth using ground methods and using both ground and satellite methods, Earth space monitoring;
- Prospects for development and utilization of GNSS and creation of active reference networks;
- Modern development trends in cartography and cartographic production;
- Automatization of engineering and geodetic or markscheider work;
- Modern technologies of laser scanning and UAV;
- Geodetic support for APP, TPP, bridges, tunnels, roads, railway, geodetic monitoring in building;
- Digital photogrammetry and modern geodetic photogrammetric instrument engineering development;
- Ukrainian geodetic metrology and its current problems;
- Current land management and cadastre in Ukraine, valuation of land and real estate;
- Military navigation and GIS-technology;
- New approaches to the creation of geodetic networks in big cities;
- Problems of introducing the national infrastructure of geospatial data;
- Public branch societies and organizations activities.

CONFERENCE SCHEDULE:

Wednesday, April 10

9³⁰ – 13⁰⁰ – Registration of conference participants.

14⁰⁰ – Opening of the conference.

15⁰⁰ – 18³⁰ – Plenary session. Stand reports.

19⁰⁰ - Dinner.

Thursday, April 11

9⁰⁰-10³⁰ – Demonstration of geodetic instruments and UAVs.

10³⁰-18³⁰ – Meetings of sections, presentations of organizations and companies, exhibition of equipment, technologies, products, excursions.

Friday, April 12

9⁰⁰-11⁰⁰ – Plenary session.

11⁰⁰-12⁰⁰ – Discussions, adoption of the resolution.

12⁰⁰ – Excursions and departure of conference participants.