

## 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

Head 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** – Director the 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

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

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

**Yuriy Karpinskiy** - RIGK, Doctor of Sciences, Professor, Kyiv, Ukraine

**Armands Celms** – Doctor of Sciences, Professor at Latvian Agricultural Academy, Elgava, Latvia

**Kostiatsyn Burak** – Head of department of Engineering Geodesy in Ivano-Frankivsk National Technical University of Oil and Gas, Doctor of Sciences, Professor, Ivano-Frankivsk, Ukraine

**Vasile Chiriac** – Doctor of Sciences, Associate Professor at Technical University of Moldova, Chisinau, Moldova

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

**Adam Lyszkowicz** - Doctor of Sciences, Professor at Polish Air Force Academy, Deblin, Poland.

### Executive Committee:

**Volodymyr Hlotov** – Head of Department at Lviv Polytechnic National University, Doctor of Sciences, Professor, Lviv, Ukraine

**Borys Chetverikov** – Doctor, Associated Professor at Lviv Polytechnic National University, Lviv, Ukraine

**Stepan Savchuk** – Doctor of Sciences, Professor at Lviv Polytechnic National University, Lviv, Ukraine

**Tetyana Hrytsyk** – Member of the board of WGS, Doctor, Associated Professor at Ivano-Frankivsk National Technical University of Oil and Gas, Ivano-Frankivsk, Ukraine

**Oleg Ivanchuk** – Member of the board of WGS, Doctor, Associated Professor at Lviv Polytechnic National University, Lviv, Ukraine

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

**Vitaly Kilaru** – Member of the board of WGS, Director of «Zachidzem», Chernivtsi, Ukraine

**Tetyana Korliatovych** – Member of the board of WGS, Doctor, Lviv, Ukraine

**Alina Khoptar** – Teacher at Lviv Polytechnic National University, Ph.D., Lviv, Ukraine

**Alla Hunina** - Engineer at Lviv Polytechnic National University, Lviv, 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 6-8,  
2022



Lviv – Yavoriv-  
Brukhovychi, Ukraine

# GEOFORUM – 2022

the XXVI 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
- Ukrainian Society of Geodesy and Cartography
- Scientific Research Institute of Geodesy and Cartography
- SGP – Polish Society of Geodesy
- Leica Geosystems, NGC
- CHC NAV, China
- Credo Dialogue, Belarus
- Zachidzem, Chernivtsi
- TNT-TPI, Dnipropetrovsk
- Carpathian branch S.I.Subbotin’s Institute of Geophysics
- Ivano-Frankivsk National Technical University of Oil and Gas
- Kailas Group, Kyiv
- Abris DG, Kyiv

### Media sponsors:

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

Dear \_\_\_\_\_

You are welcome to participate

## **G E O F O R U M – 2022**

to be held on April 6-8, 2022 at Lviv Polytechnic National University, Lviv and at the hotel «Valentyna» in Bryukhovychi. Conference registration starts on 6.04.2022, at 10<sup>00</sup> a.m. The transfer of participants to the conference place will be arranged from 8<sup>30</sup> till 10<sup>00</sup> 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 80 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.

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

### **CONTACT INFORMATION:**

Postal address: GEOFORUM'2022, Organizing Committee, Institute of Geodesy, Lviv Polytechnic National University, 12, Stepan Bandera Street, 79013 Lviv-13, Ukraine

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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;
- Photogrammetry, Cartography, GIS;
- Engineering Geodesy, geodetic monitoring in building;
- Cadastre, Land Management;
- Military geodetic and GIS-technology;
- Instrument Engineering (presentation of sponsors);
- Poster Presentations

### **THE MAIN CONFERENCE TOPICS:**

- Education in Geodesy, Cartography and Land management;
- Perspectives of development of topographic, geodetic and cartographic activities in Ukraine;
- 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:**

#### **April 6**

10<sup>00</sup> – 13<sup>00</sup> – Registration.

14<sup>00</sup> – Opening ceremony.

15<sup>00</sup> – 18<sup>30</sup> – Plenary session. Poster presentations.

19<sup>00</sup> – Party dinner.

#### **April 7**

9<sup>00</sup> – 10<sup>30</sup> – Demonstrating the operation of geodetic equipment.

10<sup>30</sup> – 18<sup>30</sup> – Sectional session. Poster presentations. Presentations of different firms and organizations. Exhibition of the devices, technologies, software products, production, excursions.

#### **April 8**

9<sup>00</sup> – 12<sup>00</sup> – Plenary session.

12<sup>00</sup> – 13<sup>00</sup> – Closing session. The resolution approval.

13<sup>00</sup> – Excursions and departure of the conference participants.