

## 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 the Main Astronomical Observatory of the National Academy of Sciences of Ukraine, Doctor of Sciences, Kyiv, Ukraine

### Scientific Committee:

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

**Janusz Walo** – President of the Association of Polish Geodesists, Warsaw, Poland

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

**Karel Radej** – Director of VÚGTK, Doctor, Prague, Czech Republic

**Yuriy Karpinskiy** – Director of RIGK, Doctor of Sciences and Professor, Kyiv, Ukraine

**Valentyn Maksymchuk** – Director the Carpathian branch S. I. Subbotin’s institute of geophysics, Ukrainian National Academy of Sciences, Doctor of Sciences, Lviv, Ukraine

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

**Armands Celms** – Professor of Latvian Agricultural Academy, doctor, Elgava

**Vasile Chiriac** – Doctor of Technical University of Moldova, Secretary General CLGE, Moldova

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

**Stanislaw Oshak** - Professor of Polish air force academy, Doctor of Sciences, Professor, Poland.

### Executive Committee:

**Volodymyr Hlotov** – Doctor of Sciences, Professor at Lviv Polytechnic National University, 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, Ivano-Frankivsk, Ukraine

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

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

**Roman Vanchura** – Doctor, Associated Professor at Lviv Polytechnic National University, Lviv, Ukraine

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

**Alina Khoptar** - Member of the board of WGS, 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 18-20,  
2018



Lviv – Yavoriv-  
Brukhovychi, Ukraine

# G E O F O R U M - 2 0 1 8

the XXIII 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:

- the Ministry of Education and Science, Youth and Sport of Ukraine
- the Ministry of Defence of Ukraine
- NAS of Ukraine
- FIG – international federation of geodesists
- Ukrainian Society of Geodesy and Cartography
- Lviv Polytechnic National University, Lviv
- Hetman Petro Sahaidachnyi National Army Academy
- State Service of Geodesy, Cartography and Cadastre
- Scientific Research Institute of Geodesy and Cartography
- SGP – Polish Society of Geodesy
- Leica Geosystems
- Doka firm, Lviv
- Research Institute build a production, Kyiv
- Zachidzem, Chernivtsi
- TNT-TPI, Dnipropetrovsk
- System Solutions Company
- Carpathian branch S.I.Subbotin’s Institute of Geophysics
- Ivano-Frankivsk National Technical University of Oil and Gas
- Kailas-K Company, Khmelnytskyi

### Media sponsors:

- «Modern achievements in geodetic science and production», Lviv
- «Bulletin of Geodesy and Cartography», Kyiv
- «Geodesy, cartography and air photography», Lviv
- «Przegląd Geodezyjny», Warsaw
- «Engineering Geodesy», Kyiv
- «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 – 2018

on April 18-20, 2018, at Lviv Polytechnic National University, Lviv and at the hotel «Valrntyna» in Bryukhovychi. Conference registration starts on 18.04.2018, 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 inforletters will be sent you later.

### CONFERENCE FEE:

The registration fee of 70.0 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.

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

### CONTACT INFORMATION:

Postal address: GEOFORUM'2018, 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 and the deadline for article submission is 01/21/2018.**

**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;
- 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;
- 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 18

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 19

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 20

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.