

## 50. GEODETSKI DAN

### Digitalna preobrazba za trajnostne odločitve v prostoru

Velenje  
22.–23. september 2022

*50<sup>th</sup> SLOVENIAN LAND SURVEYING DAY*  
*Digital transformation for sustainable spatial decisions*

Velenje  
September 22–23, 2022

## PROGRAM / PROGRAMME

**Četrtek, 22. 9. 2022 / Thursday, September 22, 2022**

### **Program posveta / Programme of the symposium**

7.30–8.30      **Registracija / Registration**

8.30–9.00      **Uvodni pozdravi / Welcome speeches**

*mag. Gregor Klemenčič*, predsednik Zveze geodetov Slovenije / President of the Association of Surveyors of Slovenia

*Uroš Brežan*, minister za okolje in prostor Republike Slovenije / Minister of the Environment and Spatial Planning of the Republic of Slovenia

*Tomaž Petek*, generalni direktor Geodetske uprave republike Slovenije / Director-General of the Surveying and Mapping Authority of the Republic of Slovenia

*Peter Dermol*, župan Mestne občine Velenje / Mayor of the Municipality of Velenje

*dr. Anka Lisec*, predstojnica Oddelka za geodezijo, Fakultete za gradbeništvo in geodezijo Univerze v Ljubljani/ Head of Department of Geodetic Engineering, UL, Faculty of Civil and Geodetic Engineering

*Mitja Domajnko*, predsednik Celjskega geodetskega društva / President of the Celje Society of Surveyors

9.00–10.20      **VABLJENA PLENARNA PREDAVANJA I/ Invited Plenary Lectures I**

*Tomaž Petek*

9.00              ***Kartografija v času digitalne transformacije***

***Cartography in the Age of Digital Transformation***

***Tim Trainor*** (*predsednik Mednarodne kartografske zveze - ICA/ President of the International Cartographic Association - ICA*)

9.25              ***Predstavitve krivulje trenda razvoja geoprostorskih tehnologij***

***Introduction to Geospatial Technology Hype Cycle***

***dr. Joep Cromptvoets*** (*generalni sekretar EuroSDR / Secretary General EuroSDR*)

9.50              ***Uradni geoprostorski podatki na zemljevidu v središču Evrope***

***Official Geospatial Data on the Map in the Heart of Europe***

***Léa Bodossian*** (*Generalna sekretarka in izvršna direktorica EuroGeographics / Secretary General and Executive Director of EuroGeographic*)

10.20–10.30      **Odmor, predstavitev razstavljalcev /**

***Coffee break, presentations of exhibitors***

10.30–12.10 **PREDAVANJA II / LECTURES II**  
*dr. Tilen Urbančič*

- 10.30 **Obdelava LiDAR oblakov točk z uporabo umetne inteligence**  
*Use of Artificial Intelligence for LiDAR Point Cloud Processing*  
*Nejc Dougan (Flaj d.o.o.)*
- 10.50 **Uporaba satelitskih posnetkov Sentinel-2 in Landsat za prostorsko-časovne analize**  
*Use of Sentinel-2 and Landsat Satellite Images for Spatio-temporal Analyses*  
*Liza Stančič (Znanstvenoraziskovalni center Slovenske akademije znanosti in umetnosti / Research Centre of the Slovenian Academy of Sciences and Arts)*  
*dr. Žiga Kokalj (Znanstvenoraziskovalni center Slovenske akademije znanosti in umetnosti / Research Centre of the Slovenian Academy of Sciences and Arts)*  
*dr. Krištof Oštir (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*
- 11.10 **Uporaba podatkov sistema Sentinel-1 za spremljanje trendov pomikov objektov na slovenskih avtocestah**  
*Using Sentinel-1 System for Monitoring Displacement Trends on Slovenian Highways*  
*asist. Doron Hekič (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering; Zavod za gradbeništvo Slovenije / Slovenian National Building and Civil Engineering Institute)*  
*dr. Krištof Oštir (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*asist. dr. Andrej Anžlin (Zavod za gradbeništvo Slovenije / Slovenian National Building and Civil Engineering Institute)*
- 11.30 **Kombinirane kinematične geodetske meritve z visokofrekvenčnim zajemom podatkov**  
*Combined Kinematic Geodetic Measurements with High-frequency Data Acquisition*  
*Gasper Štebe (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. Peter Krapež (UL, Fakulteta za elektrotehniko / University of Ljubljana, Faculty of Electrical Engineering)*  
*dr. Janez Podobnik (UL, Fakulteta za elektrotehniko / University of Ljubljana, Faculty of Electrical Engineering)*  
*dr. Dušan Kogoj (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*
- 11.50 **Uporaba hiperspektralnega daljinskega zaznavanja za monitoring tal**  
*Hyperspectral Remote Sensing for Soil Monitoring*  
*Alen Mangafič (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*  
*dr. Mitja Kolar (UL, Fakulteta za kemijo in kemijsko tehnologijo / University of Ljubljana, Faculty of Chemistry and Chemical technology)*  
*dr. Marko Zupan (UL, Biotehniška fakulteta / University of Ljubljana, Biotechnical Faculty)*  
*dr. Krištof Oštir (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*

12.10–13.10 **Odmor, predstavitev razstavljalavcev /**  
*Coffee break, presentations of exhibitors*

13.10-14.30 **PREDAVANJA III / LECTURES III**

*mag. Tomaž Černe*

13.10 **Metoda integracije geometričnih podatkov prostorskih načrtov in zemljiškega katastra**  
*Geometric Data Integration of Spatial Plans and Land Cadastre*

*dr. Marjan Čeh (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*

*Lucija Krajnc (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*

*dr. Mojca Foški (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*

*Bernarda Berden (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*

13.30 **Izzivi pri pripravi prostorskih izvedbenih aktov po zaključku lokacijske izboljšave zemljiškokatastrskega prikaza**

*Challenges Related to the Preparation of Spatial Implementation Acts after the Completion of Positional Accuracy Improvement of Land Cadastre Index Map*

*Leon Kobetič (Locus d.o.o. / Locus d.o.o.)*

*Mihael Fonda (Ministrstvo za okolje in prostor / Ministry of the Environment and Spatial Planning of the Republic of Slovenia)*

13.50 **Vloga geodetskih podatkov v konceptu GeoBIM in obratno**

*The Role of Geodetic Data in the GeoBIM Concept and Vice Versa*

*dr. Dalibor Radovan (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*

*mag. Vasja Bric (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*

*mag. Katja Oven (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*

*Miran Janežič (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*

*dr. Jernej Tekavec (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*

*dr. Anka Lisec (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*

14.10 **Nove tehnologije in Geodetska uprava Republike Slovenije**  
*New Technologies and the Surveying and Mapping Authority of the Republic of Slovenia*

*dr. Andreja Švab Lenarčič (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*

*dr. Joc Triglav (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*

18.00 **Slavnostna akademija /**

*Ceremonial Academy*

**Pozdravna govora / Welcome speeches**

*mag. Gregor Klemenčič, predsednik Zveze geodetov Slovenije / President of the Association of Surveyors of Slovenia*

*Pozdravni govor gostitelja / Welcome speech of the host*

*Borut Pahor, predsednik Republike Slovenije / President of the Republic of the Slovenia*

**Slavnostni govor / Ceremonial address**

*Tim Trainor, predsednik Mednarodne kartografske zveze - ICA / President of the International Cartographic Association - ICA*

*Podelitev priznanj Zveze geodetov Slovenije / Award Ceremony of the Association of Surveyors of Slovenia*

**Petek, 23. 9. 2022 / Friday, September 23, 2022**

**Program posveta / Programme of the symposium**

9.00–11.00 **PREDAVANJA IV / LECTURES IV**  
*dr. Andreja Švab Lenarčič*

- 9.00 **Digitalna preobrazba okolja in prostora v obdobju 2022—2029**  
*Digital Transformation of Environment and Space in the Period 2022–2029*  
***Tomaž Grilj** (Ministrstvo za okolje in prostor / Ministry of the Environment and Spatial Planning of the Republic of Slovenia)*  
***Rok Klemenčič** (Ministrstvo za okolje in prostor / Ministry of the Environment and Spatial Planning of the Republic of Slovenia)*  
*mag. **Erna Flogie Dolinar** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*
- 9.20 **Novosti v katastru nepremičnin**  
*News in the Real Estate Cadastre*  
***Franc Ravnihar** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*  
*mag. **Emo Pogorelčnik** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*  
***Bernarda Berden** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*
- 9.40 **Dejavniki, ki vplivajo na uspešnost mejne obravnave**  
*Factors Influencing the Success of Cadastral Boundary Settlement*  
*mag. **Peter Golob** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Anka Lisec** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*
- 10.00 **Izzivi digitalne dobe pri dostopu do podatkov o cenah in vrednostih nepremičnin**  
*The Digital Age Challenges of Accessing Real Estate Prices and Appraisal Data*  
*mag. **Melita Ulbl** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*  
***Andraž Muhič** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*
- 10.20 **Geokinematski model ozemlja Slovenije**  
*Geokinematic Model of Slovenian Territory*  
*dr. **Bojan Stopar** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Božo Koler** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Polona Pavlovčič Prešeren** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
***Klemen Ritlop** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Oskar Sterle** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Tomaž Ambrožič** (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)*  
*dr. **Mihaela Triglav Čekada** (Geodetski inštitut Slovenije / Geodetic Institute of Slovenia)*  
***Sandi Berk** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*  
*mag. **Klemen Medved** (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)*

dr. Miloš Bavec (Geološki zavod Slovenije / Geological Survey of Slovenia)  
dr. Petra Jamšek Rupnik (Geološki zavod Slovenije / Geological Survey of Slovenia)  
dr. Marko Vrabec (UL Naravoslovnotehniška fakulteta / UL Faculty of Natural Sciences and Engineering)

10.40

**200 let prve geodetske izmere Triglava**

**200 Years from the First Geodetic Measurement of Mt. Triglav**

Jože Dajnko (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)

dr. Joc Triglav (Geodetska uprava RS / Surveying and Mapping Authority of the Republic of Slovenia)

dr. Tilen Urbančič (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering; Geotočka d.o.o., Ljubljana / Geotočka d.o.o., Ljubljana)

dr. Anka Lisec (UL, Fakulteta za gradbeništvo in geodezijo / University of Ljubljana, Faculty of Civil and Geodetic Engineering)

11.00–11.30 Odmor, predstavitev razstavljalcev /  
Coffee break, presentations of exhibitors

11.30–12.30 **OKROGLA MIZA / ROUND TABLE**

**Kadrovski izzivi v stroki**

**Human Resource Challenges in the Profession**

Sodelujoči na okrogli mizi / *Participants in the round table*: GURS, UL FGG, GIS, MOP, IZS, GIZ-GI

Zaključek s pogostitvijo in druženjem /  
Conclusion & Social event