

17th International Conference on Geoinformation and Cartography

Zagreb & online, 23–25 September 2021

The 17th International Conference on Geoinformation and Cartography (17thICGC) was organised by the Croatian Cartographic Society and the Faculty of Geodesy of the University of Zagreb and was held from 23 to 25 September 2021. The conference was held under the auspices of the International Cartographic Association (ICA) and the University of Zagreb. The conference was supported by the State Geodetic Administration of the Republic of Croatia, the Geographics journal, HERE Technologies Zagreb as the main sponsor, and Ericsson Nikola Tesla d.d. as a golden sponsor.

By organising this conference, the Croatian Cartographic Society and the Faculty of Geodesy of the University of Zagreb wished to contribute to the development of geoinformatics, cartography, geodesy, geography and associated fields with a special emphasis on new achievements. A wide range of topics and renowned guest lecturers guaranteed interesting lectures and a contemporary approach.

The conference programme and lecture abstracts have been published in print and online (www.kartografija.hr).

The official language of the conference was English. The keynote speakers were Tao Wang and Stephan Winter.

Dr. Tao Wang is an associate professor and the associate dean of education at the College of Geospatial Information Science and Technology at the Capital Normal University of China. His research areas include geospatial data analysis and visualization with applications in smart cities and flood simulation. He is the chair of the ICA Commission on Education and Training.

Stephan Winter is Professor in Spatial Information Science at the

University of Melbourne, specializing in human spatial cognition, navigation, and intelligent transportation. He is pioneering formal and stochastic models of urban environments, and does research in intelligent spatial systems, computational transportation science, and probabilistic time geography. He holds a PhD from the University of Bonn, and a habilitation from the Technical University Vienna.

Of particular note is the very large number of people registered for the conference. A record 389 people registered for the 17thICGC. On the first day of the online conference, 317 participants registered, and 38 were present in person. On the second day, 306 of them applied online, and 38 were present in person.

The conference programme began on 23 September 2021, at the premises of the Faculty of Geodesy of the University of Zagreb. The invited lecture followed. Assoc Prof. Tao Wang spoke about the progress of cartographic education and reflected on it. He made a bibliometric analysis of international cartographic conferences over the last 20 years. The programme continued with six presentations, sponsor promotion, lunch, followed by three more lectures on map projections.

The programme continued the next day and started with a keynote by Prof. Stephan Winter on place in mobility research. The programme continued with 7 presentations, followed by a video presentation marking the Day of the Faculty of Geodesy. After lunch, the conference continued with a series of presentations.

On 25 September 2021, the Croatian Cartographic Society organised an excursion to Medvednica, getting to know its basic geographical and

geological characteristics and a presentation of GPS application in mountaineering and cartography. Departure from the church in Šestine was at 10 AM. Next to the St. Rocco Chapel and the Šestinski lagvić restaurant, we followed the marked trail no. 12 to Medvedgrad. Unfortunately, Medvedgrad was closed, so we were not able to climb to the top of the tower where the GPS point is located. The marked path leads further to the Grafičar lodge where a mountaineering lunch awaited us. The Zrinski mine is located in the immediate vicinity, and those interested visited it with an expert guide. We returned passing by St. Jacob's Chapel (trigonometer), Kraljčin Zdenac (the Queen's Well), and then along the Miroslavec educational trail to Šestinski Lagvić and Šestine. The descent took about two hours.

According to the Ordinance on Professional Training of Persons Performing Professional Geodetic Work, and Instructions for the manner of conducting professional training programmes of the Croatian Chamber of Certified Geodetic Engineers, a knowledge test was taken after completing the training. The knowledge exam, which was held online after the conference, was attended and answered on time by 295 people. A list was sent to the Chamber with 272 members of the Chamber who responded on time and had more than 70% correct answers.

All the materials from the 17th International Conference on Geoinformation and Cartography, including the *Program and Abstracts*, are available at www.kartografija.hr.

Miljenko Lapaine, Damir Medak ■

17. međunarodna konferencija o geoinformacijama i kartografiji

Zagreb & online, 23–25. rujna 2021.



Hrvatsko kartografsko društvo i Geodetski fakultet Sveučilišta u Zagrebu organizirali su 17. međunarodnu konferenciju o geoinformacijama i kartografiji od 23. do 25. rujna 2021. Pokrovitelji konferencije bili su Međunarodno kartografsko društvo (International Cartographic Association – ICA) i Sveučilište u Zagrebu. Partneri konferencije bili su Državna geodetska uprava i časopis *Geographics*. Glavni sponzor bila je tvrtka HERE Technologies Zagreb, a zlatni sponzor Ericsson Nikola Tesla d.d. Organizirajući konferenciju Hrvatsko kartografsko društvo i Geodetski fakultet Sveučilišta u Zagrebu željeli su doprinijeti razvoju geoinformatike, kartografije, geodezije, geografije i srodnih područja s posebnim naglaskom na nova dostignuća. Široki raspon tema i poznati pozvani predavači

garantirali su zanimljiva predavanja i suvremeni pristup.

Službeni jezik konferencije bio je engleski. Program konferencije i sažetci predavanja objavljeni su u tiskanom obliku i online: www.kartografija.hr

Pozvani predavači bili su Tao Wang i Stephan Winter.

Dr. Tao Wang je izvanredni profesor i prodekan za obrazovanje na College of Geospatial Information Science and Technology at the Capital Normal University of China. Njegovo područje zanimanja je analiza geoprostornih podataka i vizualizacija s primjenama na pametne gradove i simulaciju poplava. On je predsjedavajući Povjerenstva za obrazovanje Međunarodnoga kartografskog društva.

Stephan Winter je profesor znanosti o prostornim informacijama na

Sveučilištu u Melbourneu. Njegova specijalnost je spoznaja ljudi o prostoru, navigacija i inteligentni transport. On je pionir formalnih i stohastičkih modela urbanih sredina, te se bavi istraživanjem inteligentnih prostornih sustava, računalne znanosti o transportu i vjerojatnosne vremenske geografije. Doktorirao je na Sveučilištu u Bonnu, a habilitirao se na Tehničkom sveučilištu u Beču.

Posebno treba istaknuti vrlo velik broj prijavljenih osoba za konferenciju. Za 17. konferenciju registriralo se rekordnih 389 osoba. Prvog dana konferencije online se prijavilo njih 317, a 38 je bilo prisutno osobno. Drugoga dana online se prijavilo njih 306, a 38 je bilo prisutno osobno.

Program konferencije počeo je 23. rujna 2021. u zgradi Geodetskog





Međunarodno kartografsko društvo
International Cartographic Association



Ericsson Nikola Tesla d.d.



Here

fakulteta Sveučilišta u Zagrebu. Slijedilo je pozvano predavanje. Izv. prof. Tao Wang govorio je o napretku kartografskog obrazovanja. Izradio je bibliometrijsku analizu međunarodnih kartografskih konferencija u posljednjih 20 godina. Program je nastavljen sa šest prezentacija, promocijom sponzora, ručkom i nakon toga s još tri predavanja o kartografskim projekcijama.

Slijedećega dana program je početo pozvanim predavanjem Prof. Stephana Wintera o mjesu u istraživanju mobilnosti. Program je nastavljen sa sedam prezentacija, nakon čega je slijedila video-prezentacija kojom je obilježen Dan Geodetskog fakulteta. Nakon ručka, konferencija je nastavljena nizom prezentacija.

Hrvatsko kartografsko društvo organiziralo je 25. rujna 2021. stručni obilazak Medvednice uz upoznavanje njezinih osnovnih geografskih i geoloških karakteristika i prezentaciju primjene GPS-a u planinarstvu i kartografiji. Polazak je bio u 10 sati ispred crkve u Šestinama. Pokraj kapelice sv. Roka i restorana Šestinski lagvić slijedili smo markiranu stazu br. 12 do Medvedgrada. Nažalost, Medvedgrad je bio zatvoren, tako da se nismo mogli popeti na vrh kule na kojoj je postavljena GPS točka. Markirana staza vodi dalje do planinarskog doma Grafičar, gdje nas je čekao planinarski ručak. U neposrednoj blizini doma nalazi se rudnik Zrinski koji su zainteresirani mogli posjetiti uz stručno vodstvo. Na povratku prošli smo pokraj kapelice sv. Jakova

(trigonometar), Kraljčina Zdenca i poučnom stazom Miroslavec vratili se do Šestinskog lagvića i Šestina. Silazak je trajao oko dva sata.

Prema Pravilniku o stručnom usavršavanju osoba koje izvode stručne geodetske radove, i Uputama o načinu izvođenja programa stručnog usavršavanja Hrvatske komore ovlaštenih inženjera geodezije, nakon završetka konferencije provedeno je testiranje znanja. Ispitu znanja pristupilo je 295 osoba. Popis sa 272 člana Komore koji su odgovorili na vrijeme i imali više od 70% točnih odgovora poslan je Komori.

Svi materijali sa 17. međunarodne konferencije o geoinformacijama i kartografiji, uključujući Program and Abstracts, dostupni su na www.kartografija.hr.

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