University of Zagreb

Faculty of Geodesy
University of Zagreb

7th INTERNATIONAL DOCTORAL SEMINAR ON GEODESY, GEOINFORMATICS AND GEOSPACE - **IDS3GEO2024**
June 10 - 11, 2024

Technische Universität München

KU LEUVEN

كلية الهندسة بشبرا
FACULTY OF ENGINEERING AT SHOUBRA

PROGRAMME

10th June 2024.

09:30		Opening ceremony	
09:45		Keynote Lecture **Prof. Walter Timo de Vries**, Technical University Munich
10:30	PhD RESEARCHS	**Blaženka Bukač** Croatian and European Vertical Reference Systems: Realizations and Comparative Analyses
11:00		**Anja Batina** Geospatial Multi-Sensor Approach for Lake Water Quality Monitoring and Assessment
11:30		**Frane Gilić** Characteristics and Prospects of Discrete Global Grid Systems
		12:00 – 13:30 LUNCH BREAK
13:30	PhD RESEARCHS	**Dr. Sipei Pan** How does carbon storage respond to land use change in urban agglomerations? A climate change-based simulation perspective
14:00		**Andrea Miletić** Engaging citizens with cartographic visualization of Open Government Data
		14:30 – 15:00 COFFEE BREAK
15:00	PhD RESEARCHS	**Karlo Kević** Statistical Data and Spatial Tessellations: A Disaggregation Framework Based on Data Collection Methods
15:30		**Iva Cibilić** Semiotics of Augmented Reality Maps

PROGRAMME

11th June 2024.

09:00	PhD and MSc RESEARCHS	**Ahmed Abdelhakam** Enhancing autonomous indoor navigation integrating inertial and magnetic sensor data
09:30		**Mohamed Saad** Building a Spatial Data Infrastructure (SDI) for Decision-Support in Urban Development: A Case Study of Qalyubia Governorate
10:00		**Luka Zalović** Development of a new extrinsic camera calibration method for SLAM based handheld mobile mapping systems
10:30 – 11:00 COFFEE BREAK		
11:00	PhD RESEARCHS	**Sarah Abdelghany** Adopting Land-use Optimization Models to Achieve Spatial Sustainability
11:30		**Nouran Naguib** Urban Nexus: An Approach for Regenerative Urban Environments
12:00		**Akshay Kumar Remeshan** Deriving the interaction point between a Coronal Mass Ejection and High Speed Stream: A case study