

Honorary Patronage



**Ministry of
Sport and Tourism**

Organiser

Croatian-Polish Scientific Network



PROGRAM

Monday 31.08.2026

- from 14.00 Accommodation in Hotel Pula, Pula, Sisplac 31
- from 19.00 Dinner
- 20.30 Registration for the conference, organizational meeting, welcome drink, Hotel Pula, Conference hall

Tuesday 1.09.2026

- 7.00- 9.00 Breakfast
- 9.00- 9.15 Opening ceremony and official speeches
- 9.15- 9.45 Presentation of the Davorin Kereković Award
- 9.45-10.30 1st session and discussion: Geodesy and geoinformatics
- 10.30-11.45 2nd session and discussion: Spatial and environmental management
- 12.00-13.00 Lunch
- 13.15 Departure to Pula (from the hotel parking lot)
- 13.30-16.00 3rd session: Pula – a city on seven hills
- 16.00 Departure to Hotel Pula
- 19.00-21.00 Dinner

Wednesday 2.09.2026

- 7.00- 8.00 Breakfast
- 8.05 Departure to Medulin, Osipovica 17, Parking Medulin Belvi, Medulin Excursion by boat "Salvator"
- 9.00-15.00 4th session (terrain boat session with lunch): The richness of the Kamenjak Nature Park
- 15.00 Departure to Hotel Pula
- 19.00-21.00 Dinner

Thursday 3.09.2026

- 7.00- 9.00 Breakfast
- 9.30-10.45 5th session and discussion: Artificial intelligence and digital technologies
- 10.45-12.00 6th session and discussion: Space and informatics law
- 12.00-13.00 Lunch
- 13.15 Departure to Rovinj
- 14.30-17.00 7th session: Natural heritage of Rovinj
- 17.00 Departure from Rovinj to Hotel Pula
- 19.00-21.00 Dinner

Friday 4.09.2026

- 7.00-10.00 Breakfast
- 10.00-11.30 8th poster session
- 11.30-12.00 Discussion and closing ceremony
- 12.00 Farewell Lunch

Opening ceremony

OPENING OF THE CONFERENCE AND OFFICIAL SPEECHES

Presentation of the Davorin Kereković Award

ABOUT THE AWARD – *Małgorzata Gajos-Gržetić*, AWARD CEREMONY – *Kazimierz Worwa, Ivan Peronja*

Presentation of the best doctoral dissertation in which GIS tools were used or a legal solution for the use of spatial data was proposed: APPLICATION OF PRO-ENVIRONMENTAL SOLUTIONS AND NEW ECOLOGICAL TECHNOLOGIES IN THE ADAPTATION OF BUILDINGS UNDER CONSERVATION PROTECTION ON THE EXAMPLE OF THE HISTORIC PARK-PALACE COMPLEX IN RZUCHÓW – *Ewa Mackiewicz*

1st session: Geodesy and geoinformatics Chairman: *Agnieszka Bieda, Dubravko Gajski*

ADVANCED GEODETIC TECHNIQUES FOR URBAN DIGITAL TWIN CREATION – *Peter Blišťan, Ľudovít Kovanič, Branislav Topitzer, Patrik Peťovský, Ondrej Tokarčík, František Radinger, Jakub Marcin*

ANALYSIS OF TLS DATA FOR DETERMINING THE GEOMETRIC PARAMETERS OF OBJECTS IN AN INDUSTRIAL ENVIRONMENT – *Ľudovít Kovanič, Peter Blišťan, Patrik Peťovský, Branislav Topitzer, Ondrej Tokarčík, František Radinger, Jakub Marcin*

WHAT NEXT FOR THE INSPIRE DIRECTIVE? – *Piotr Cichociński*

2nd session: Spatial and environmental management Chairman: *Katarzyna Sobolewska-Mikulska, Peter Blišťan*

STRATEGIC APPROACH TO AGRICULTURAL LAND DEVELOPMENT AND PLANNING IN BULGARIA – *Milena Moteva*

SPATIAL DISTRIBUTION OF HOUSING NEEDS IN THE WARMIAN-MASURIAN PROVINCE IN POLAND – *Mirosław Belej, Agnieszka Szczepańska*

LOCAL CONTENT AS AN INSTRUMENT OF ENERGY SECURITY AND REGIONAL DEVELOPMENT – *Dorota Benduch*

URBAN LAND RECYCLING IN A POST-INDUSTRIAL METROPOLIS: A CASE STUDY OF METROPOLIS GZM POLAND (2018-2025) – *Piotr Gibas, Agnieszka Majorek-Gdula*

ENVIRONMENTAL WHISTLEBLOWING – INTEGRATING ENVIRONMENTAL VIOLATION REPORTING WITH GIS SOLUTIONS – *Anna Haładyj*

3rd session: Pula – a city on seven hills

4th session: The richness of the Kamenjak Nature Park

5th session: Artificial intelligence and digital technologies Chairman: *Agnieszka Gryszczyńska, Piotr Parzych*

ARTIFICIAL INTELLIGENCE IN PHOTOGRAMMETRIC MEASURING AND MODELLING OF LANDSLIDE EVENTS – *Dubravko Gajski, Matea Peloza, Katarzyna Dziegielewska-Gajski*

APPLICATION OF SPATIAL ANALYSES AND ARTIFICIAL INTELLIGENCE IN THE ASSESSMENT OF SPATIOTEMPORAL CHANGES IN HIGH-MOUNTAIN LANDSCAPES – *Peter Blišťan, Ľudovít Kovanič, Patrik Peťovský, Branislav Topitzer, Ondrej Tokarčík*

ARTIFICIAL INTELLIGENCE IN EDUCATION IN POLAND – CHALLENGES AND THREATS – *Agata Barczewska-Dziobek*

USING ARTIFICIAL INTELLIGENCE TO MODEL THE SPATIAL SPREAD OF INFECTIOUS DISEASES – *Małgorzata Ganczar*

NEW TECHNOLOGIES IN NURSING SCIENCE AND PRACTICE – *Monika Jabkowska, Dawid Faraś*

6th session: Space and informatics law Chairman: *Anna Haładyj, Piotr Gibas*

INVESTMENT FRAUD – THE CHALLENGES OF CROSS-BORDER CRIMINAL PROCEEDINGS REGARDING ACTS IN CYBERSPACE – *Agnieszka Gryszczyńska*

THE IMPACT OF EUROPEAN UNION CLIMATE LAW ON SELECTED AREAS OF BUSINESS LAW – *Tomasz Bojar-Fijałkowski*

MAPPING THE DIGITAL TRANSITION OF POLISH SOCIETY: A REGIONAL TYPOLOGY OF DIGITAL COMPETENCES – *Urszula Bronisz, Monika Wesołowska*

ETHICAL AND LEGAL BOUNDARIES OF DIGITAL INNOVATION IN REHABILITATION: A PERSONALIST FRAMEWORK FOR ASSESSING

TECHNOLOGIES, DATA AND ARTIFICIAL INTELLIGENCE – *Gabriela Kołodyńska, Patryk Kołodyński, Jakub Staroń, Waldemar Andrzejewski*

TEACHING STRATEGY USING MBO FOR CONTROLLING-ORIENTED MANAGEMENT: A CASE STUDY OF THE MARINA INDUSTRY –

Ante Rončević, Domagoj Hruška, Tihomir Luković

7th session: Natural heritage of Rovinj

8th poster session: Chairman: *Agnieszka Szczepańska, Mirosław Belej*

APPLICATION OF ARTIFICIAL INTELLIGENCE FOR RISK ANALYSIS AND PROTECTION OF OGC SERVICES IN MODERN GIS INFRASTRUCTURES – *Stefan Rozmus*

ARTIFICIAL INTELLIGENCE AS A KEY COMPONENT OF CYBERSECURITY OF MODERN GIS SYSTEMS – *Jerzy Stanik*

ARTIFICIAL INTELLIGENCE IN THE PROTECTION AND MONITORING OF SPATIAL DATA INTEGRITY IN CLOUD GIS

INFRASTRUCTURES – *Maciej Kiedrowicz*

CITIZENS' TRUST IN THE STATE IN THE CONTEXT OF AUTOMATION OF ADMINISTRATIVE PROCEDURES – *Katarzyna Kułak-Krzysiak*

CONTEMPORARY CYBER-ATTACKS ON GIS INFRASTRUCTURE. VECTORS, CONSEQUENCES, COUNTERMEASURES – *Piotr Górny*

DIGITAL TWIN GEOHUB – DIGITAL EUROPE AND SUPPORTING DIGITAL TRANSFORMATION IN GEO- AND MOUNTAIN-ORIENTED STUDY FIELDS – *Ľudovít Kovanič, Peter Blišťan, Patrik Peťovský, Branislav Topitzer, Ondrej Tokarčík*

INFRASTRUCTURE ACCESSIBILITY AT KRAKOW'S URBAN EDGE: A SPATIAL COMPARISON OF SUBURBS AND OUTSKIRTS – *Patryk Wróbel, Agnieszka Bieda*

LEGAL AND SPATIAL CONDITIONS OF AGRICULTURE LAND PROTECTION IN THE PERSPECTIVE OF AN EXPANSIVE HOUSING ECONOMY – *Anna Bielska*

MODELING THE SECURITY AND RESILIENCE OF GIS SYSTEMS USING ARTIFICIAL INTELLIGENCE – *Kazimierz Worwa*

MOLECULAR AND GIS-BASED MAPPING OF TICKS AND TICK-BORNE BACTERIAL PATHOGENS IN ISTRIA COUNTY, CROATIA –

Maja Cvek, Dalibor Broznić, Ivana Kirin, Mateo Jakac, Darja Puškadija, Emina Pustijanac, Dijana Tomić Linšak

RESEARCH AND EDUCATIONAL CENTER – LABORATORY FOR ANALYTICAL PROCESSING AND VIRTUALIZATION OF SPATIAL DATA WITH ACTIVE SUPPORT OF COMBINED EDUCATION METHODS – *Peter Blišťan, Ľudovít Kovanič, Patrik Peťovský, Branislav Topitzer, Ondrej Tokarčík, František Radinger*

SEMANTIC CYBERNER METAMODEL AS AN INTERMEDIATE LAYER FOR TRANSFORMATION OF GEOSPATIAL DATA IN CYBERSECURITY SYSTEMS – *Jarosław Koszela, Arkadiusz Orzeł*

ASSESSMENT OF THE SUITABILITY OF LAND FOR INVESTMENTS IN STANDALONE HIGH-VOLTAGE BATTERY ENERGY STORAGE SYSTEMS (BESS) – *Jakub Mroczko, Natalia Sajnóg*

THE ROLE OF A HERITAGE (MONUMENTS) PORTAL IN A SELECTED PROCEDURE RELATED TO REAL ESTATE MANAGEMENT – *Anna Klimach*

THE USE OF MODERN REMOTE SENSING METHODS TO DETECT INVASIVE ALIEN SPECIES IN THE CONTEXT OF PROJECTS THAT HAVE A SIGNIFICANT IMPACT ON THE ENVIRONMENT – *Piotr Parzych, Paweł Nicia*

URBAN ROAD PLANNING UNDER LANDSLIDE CONSTRAINTS: A CASE STUDY OF KRAKOW – *Anna Brzozowska, Kinga Szopińska, Agnieszka Bieda, Peter Blišťan*

USE OF LANGUAGE MODELS FOR AUTOMATIC INTERPRETATION OF GEOSPATIAL INFORMATION IN SECURITY LOGS – *Jarosław Koszela, Arkadiusz Orzeł*