

6th International PhD Conference, Ljubljana - Graz - Rijeka
University of Ljubljana, Slovenia, October 27 – 28, 2022

Venue: Zbornična dvorana, Rectorate UL, Kongresni trg 12, Ljubljana

Organizing Committee

University of Graz: Christine Dagmar Malin, Peter Scherrer, Elisabeth Staudegger, Stefan Thalmann

University of Ljubljana: Tatjana Marvin Derganc (Head), Sergeja Mitič, Tjaša Podpečan

University of Rijeka: Gordan Jelenić, Natalija Perković, Igor Prpić

DAY 1 Thursday, 27. 10. 2022, Zbornična dvorana, Rectorate UL		
Opening ceremony and students' introduction		
12.00-12.30	Opening note: Tatjana Marvin Derganc, Head of Doctoral school at UL Welcome address: Maja Klun, Vice-Rector for knowledge transfer, digitalization, and sustainable development, UL Students' introductions	
Session 1 – Chair: Tatjana Marvin Derganc		
12.30-13.10	Stefan Thalmann, University of Graz (invited speaker)	Challenges of the Black Box: Validating AI and assessing its impact
13.10-13.30	Anna K. Polzer, University of Graz	Challenges and trends in AI development
13.30-14.00	Coffee break	
Session 2 – Chair: Elisabeth Staudegger		
14.00-14.20	Christine Malin, University of Graz	Trustworthy AI in HR
14.20-14.40	Tinca Lukan, University of Ljubljana	Algorithmic triangulation in practice: The case of social media influencers
14.40-15.00	Tanja Paneva, University of Ljubljana	The role of One-Stop Shop in e-service adoption – the case of North Macedonia
15.00-16.10	Poster session and coffee break	
Session 3 – Chair: Igor Prpić		
16.10-16.30	Ivan Šimac, University of Rijeka	Dataset preparation, swimmer detection, automatic video processing
16.30-16.50	Kristina Host, University of Rijeka	Human action recognition in sports: overview and application to handball
16.50-17.10	Saša Ropač, University of Ljubljana	Archetypes of landscapes and the multi-dimensionality of their representations and perceptions
17.10-17.30	Coffee break	
Session 4 – Chair: Senka Mačešić		
17.30-18.10	Marinka Žitnik, Harvard Medical School (zoom) (invited speaker)	Machine learning for science and medicine
18.10-18.30	Raven Adam, University of Graz	Climate protection in Austrian newspapers: An automated content analysis and comparison
18.30-18.50	Lucija Krušič, University of Graz	Unveiling the long-term development of opinions on migration in Austrian newspapers

Poster session, Thursday 27. 10. 2022, 15.00-16.10, Rectorate, Mala sejna soba (next to Zbornična dvorana)	
Matea Turalija, University of Rijeka	Extending molecular dynamics simulation methods for the study of biomolecules under uniform flow and other applications
Martina Tičić, University of Rijeka	Digitalisation as a tool for enhancing access to justice and protection of the rights of the parties in view of the service of documents in the European Union
Marko Babić, University of Rijeka	Enzyme sequence composition patterns for the identification of catalytic triad microenvironment motifs
David Visentin, University of Rijeka	Modernizing the field of science through digitalization
Ela Marković, University of Rijeka	Application of machine learning models for estimation of material properties
Rio Yusri Maulana, University of Ljubljana	Collaborative digital transformation: The case of building trust in Indonesian local government.
Hana Hoxha, University of Ljubljana	Digital maturity in the EU: Implications for sustainability
Teodora Šutaković, University of Ljubljana	Digitalization and economic development: The role of opportunity entrepreneurship and subjective well-being
Robert Bobnič, University of Ljubljana	Algorithmic automation of cultural consumption
Johannes P. Zeiringer, University of Graz	Evaluation of a framework for balancing knowledge sharing and protection
Florian Koenigstorfer, University of Graz	Design requirements for the documentation of AI
Thomas Zenkl, University of Graz	Algorithmic power and deviant action
Mario Schäfer, University of Passau	From abstract boundaries to manifest obstacles: Google maps' politization of disputed areas in Europe

DAY 2 Friday, 28. 10. 2022, Zbornična dvorana, Rectorate UL**Session 5 – Chair: Tatjana Marvin Derganc**

9.00-9.40	Andraž Petrovčič, University of Ljubljana (invited speaker)	The challenge of digital inequalities: How should digital inclusion initiatives address the ever-evolving digital world landscape?
9.40-10.00	Jošt Bartol, University of Ljubljana	The role of Internet privacy in indirect and direct Internet uses among older adults: An empirical test of a conceptual model
10.00-10.20	Natalija Rebrica, University of Ljubljana	Identification of the awareness factors of smart technologies for independent living at home among individuals in an aging society
10.20-10.40	Coffee break	

Session 6 – Chair: Andraž Petrovčič

10.40-11.00	Anamarija Jengiç Bujan, University of Rijeka	Survival of the press publishing industry in a digital environment: Legal analysis of the EU press publishers related right in comparison with the Australian and USA
11.00-11.20	David Bierbauer, University of Graz	Artificial Intelligence: Legitimacy and scope of the definition of AI in the context of regulation
11.20-11.40	Coffee break	

Session 7 – Chair: Stefan Thalmann

11.40-12.20	Senka Maćešić, University of Rijeka (invited speaker)	The Rise of the Metaversities
12.20-12.40	Zrinko Baričević, University of Rijeka	Digitalization in life science: Teaching versus exposition
12.40-13.00	Vanja Čotić Poturić, University of Rijeka	Educational data mining for predicting student success
13.00-13.05	Closing ceremony	