



Below you can find a tentative schedule for the ICDSST 2025 conference. Paper presentations by sessions are presented below the schedule.

Monday (May 26)

Location: [Cathedral of the Blessed Virgin Mary](#)

Time	Event
14:00 - 15:00	Registration
15:00 - 15:30	Conference Opening
15:30 - 16:30	Invited Talk: <u>Pascale Zaraté</u>
16:30 - 18:00	Welcome Reception
18:00 - 19:00	Visit to St. Sava Temple (Social Event)

Tuesday (May 27)

Location: [Palace of Science](#)

Time	Event
08:00 - 09:00	Registration
09:00 - 10:00	Invited Speaker: <u>Lily Xu</u>
10:00 - 10:30	Coffee Break
10:30 - 12:00	Session - <i>AI, Machine Learning, and Big Data in Decision Support</i>
12:00 - 13:00	Lunch Break
13:00 - 14:30	Sessions - <i>Blockchain, Supply Chain, and Logistics & Public Sector, Education, and Administration</i>
14:30 - 15:00	Coffee Break
15:00 - 16:30	Session - <i>DSS Design, User Experience, and Business/Process Frameworks</i>



Wednesday (May 28)

Location: [Palace of Science](#)

Time	Event
08:00 - 09:00	Registration
09:00 - 10:00	Invited Speaker - Fátima Dargam
10:00 - 10:30	Coffee Break
10:30 - 12:00	Session - <i>Environment, Agriculture, and Natural Resource Management</i>
12:00 - 13:00	Lunch Break
13:00 - 14:00	Invited Speaker - Marko Bohanec
14:00 - 15:00	Coffee Break + Poster Session
15:00 - 16:30	Session - <i>MCDM, Optimization, and Advanced Analytics</i>
16:30 - 17:30	Tour of Palace of Science (Social Event)
19:00 - 22:00	KOMPAS Brewery (Social Event)

Thursday (May 29)

Location: [Viminacium](#)

The travel to Viminacium will be organized from [Faculty of Organizational Sciences](#) (close to Hotel M, which is recommended hotel for the conference).

Time	Event
08:45 - 11:00	Trip to Viminacium (meeting in front of Faculty of Organizational Sciences)
11:00 - 13:00	Visit of Viminacium
13:00 - 14:00	Lunch Break
14:00 - 15:00	Invited talk - Zoran Obradović
15:00 - 15:30	Conference closing
15:30 - 17:30	Return to Belgrade



Sessions - AI, Machine Learning, and Big Data in Decision Support

Tuesday, May 27 - 10:30 - 12:00

Paper Title	Authors
The Role of AI and Generative AI and Its Impacts on e-Learning Processes and Outcomes: A System's View	Sean Eom*
Evaluating Generative Models for Synthetic Tabular Data: A Comparative Analysis of Fidelity, Diversity, and Generalization	Zoran Mahovac*, Andrija Petrović, Sandro Radovanović, Boris Delibašić
The Role of Big Data Analytics in Enhancing Oil and Gas Drilling Operations Performance: a thematic analysis	Mohammad Jrakhi*
Beyond Gateways: Evaluating LLM capabilities to decouple decision logic from business process flows	Nikolaos Nousias, George Tsakalidis, Kostas Vergidis*
Machine Learning for Search and Rescue Decision Support	Thomas Laperrière-Robillard, Michael Morin, Irène Abi-Zeid*
A comparison between DSS and ML models for churn prediction	Boris Delibašić*, Sandro Radovanović, Marko Bohanec, Milija Suknović

Sessions - Blockchain, Supply Chain, and Logistics

Tuesday, May 27 - 13:00 - 14:30

Paper Title	Authors
Blockchain Technology in Maritime Logistics: An Application in the Tactical Berth Allocation Problem	Ioannis Kypsidis, Magdalene Marinaki, Yannis Marinakis*
Understanding the determinates of blockchain technology adoption in the supply chain: A multi-method approach using PLS-SEM and fsQCA	Xiaotian Xie*
Integrating Expert Systems in AI-Based Decision Support: A DEX Approach to Risk Assessment	Rok Drnovšek, Marija Milavec Kapun, Vladislav Rajković, Uroš Rajković*



Sessions - Public Sector, Education, and Administration

Tuesday, May 27 - 13:00 - 14:30

Paper Title	Authors
Pathways to Peace: Applying Decision EXpert Methodology in the Balkans	Sandro Radovanović*, Nemanja Džuverović, Goran Tepšić, Đorđe Krivokapić
Efficiency of Elementary Schools in Belgrade: A DEA and SHAP Analysis	Sandro Radovanović*, Boris Delibašić, Milija Suknović, Rôlin Gabriel Rasoanaivo, Sidahmed Elandaloussi, Pascale Zaraté
Evaluation system of the regional directorates of national education through public primary school resources	Rôlin Gabriel Rasoanaivo*, Sidahmed Elandaloussi, Pascale Zaraté, Boris Delibašić, Sandro Radovanović

Session - DSS Design, User Experience, and Business/Process Frameworks

Tuesday, May 27 - 15:00 - 16:30

Paper Title	Authors
Exploring the Role of Artificial Intelligence in Small and Medium Enterprises for Improved Decision-Making: A Scoping Review	Oghenetejiri Ekrokpe*, Uchitha Jayawickrama, Cihan Butun
From Technical Debt to Business Process Debt: A Framework for Proactive Debt Management in BPM	Nikolaos Nousias, George Tsakalidis, George Nedos, Kostas Vergidis*
Examining interface preferences in a Decision Support System using Eye-tracking	Evanielle Ferreira*, Lucia Roselli, Adiel de Almeida
The role of asset management maturity in competitiveness: guidelines for decision-making	Gabriel Andrade Lima*, Ana Paula Seixas Costa
A decision-support system applied to Law: Reasoning and explicability of the decision	Jeremy BOUCHE-PILLON*, Pascale ZARATE, Nathalie AUSSENAC-GILLES, Yannick CHEVALIER
Assessing consumer perceptions and attitudes towards Cultured Meat using X (Twitter) data: implications for decision support	Guoste Pivoraite*. Shaofeng Liu Saeyeon Saeyeon Roh, Guoqing Zhao



Session - Environment, Agriculture, and Natural Resource Management

Wednesday, May 28 - 10:30 - 12:00

Paper Title	Authors
A technology-organization-environment decision framework for understanding emerging technology adoption on farms: An empirical investigation from China	Guoyu Zhao, Guoqing Zhao*, Xiaoning Chen Jiandong Hu, Agung Sutrisno
Exploring the Role of Peer learning Cycle in Supporting Decision-Making for Food Sharing Organisations	Xinyi Li*
Decision support in the context of Brazilian Plan for Control of Waste and Contaminants in dairy industry	Edeneide Laura de Melo Santos, Ana Paula de Gusmão*, Jônatas Almeida, Ana Paula Cabral Seixas Costa
A system dynamics model to promote awareness of the green transition challenges in higher education institutions	Eduardo Franco*, Stefano Armenia, Odysseas Christou, George Tsaples, Juan Uribe-Toril, Jason Papathanasiou
Architecting Context-Aware Decision Support Systems for Wildfire Management An Event-Driven Approach	Angela-Maria Despotopoulou*, Filippos Gkountoumas-Zrakić, Konstantinos Christidis, Babis Magoutas
Decision support system to evaluate the socio-economic impact of the National Agrarian Reform Program in Brazil	Aime de Almeida, João Santos Neto, Carolina Martins*, Mario Carvalho, Kassia Rodrigues

Session - MCDM, Optimization, and Advanced Analytics

Wednesday, May 28- 15:00 - 16:30

Paper Title	Authors
Sentiment Classification of Product Influencers	Bárbara Freixo, Orlando Belo*
Towards Elevating DEMATEL with Spectral Analysis	Pavlos Delias*, Kerasia Kalkitsa
Predicting NBA Longevity: The Role of Physical Attributes and Early Career Performance	Petar Graovac*, Milan Radojičić, Ilija Savić
Decision Support System in project portfolio: an integration of Shapley values and knapsack problem	Carlos Lima, Maisa Silva*



Paper Title	Authors
Dynamic Model Selection Framework for Weekly Capacity Forecasting in E-Commerce Logistics	Ahmet Cay*, Barış Bayram, Alaeddin Türkmen, Ayşe Dilara Türkmen
MCDM Model for Portfolio Selection in the Real Estate Market	Guilherme de Mariz, João Santos Neto, Kassia Rodrigues, Carolina Martins*
Multicriteria Model for the Choice of Pour-on Acaricides in an Agribusiness Retails Company	Arthur Pepino, Carolina Martins*, João Santos Neto, Kassia Rodrigues, Nadya Kalache

Poster Session

Wednesday, May 28- 14:00 - 15:00

Paper Title	Authors
Incorporating Sentiment Analysis into Doctor-Patient Co-Decision in Primary Care	Rodrigo Aznar, Ayrton Sarango, Juan Aguarón, José María Moreno-Jiménez, Jorge Navarro*, Alberto Turón
Improvement Strategies in Public Administration. Technological Trees for Intellectual Capital	Victoria Muerza, María Teresa Escobar*, Emilio Larrodé, José María Moreno-Jiménez
Optimizing Forest Management Strategies for Balancing Biodiversity and Production	Milena Lakićević*
A DSS to evaluate intervention programs based on physical activity and sport for the prevention of drug use	Antonio Jiménez-Martín*, Marcos Asensio-Hernández, Pedro J. Jiménez, Alberto Dorado
Surjective Independence of Causal Influences for Local BN Structures	Kieran Drury*, Martine J. Barons, Jim Q. Smith
The Importance of Cybersecurity Education for Leveraging the Development of AI-based Decision Systems	Fatima Dargam*, Matthias Kettemann, Andrii Paziuk, Jason Papathanasiou, Sebastian Harnisch, Iryna Volnytska, Sergii Melnyk, Dimitris Slavoudis, Anamaria Magri Pantea
An integrated tool for road safety management	Sérgio Pedro Duarte*, Pedro Rodrigues, Telma Silva, João Neves, Sara Ferreira, António Lobo, Thiago Sobral