Program at a glance

Time: Groningen, Netherlands Local Time

Please note that CoopIS 2023 is collocated with EDOC 2023 and full registration give access to all week's activities of both conferences. EDOC 2023 program is available at: https://www.rug.nl/research/bernoulli/conf/edoc-2023/program/program

Monday, October 30 2023		
08:30-09:00	Registration	
09:00-10:30	EDOC workshop sessions	
10:30-11:00	Coffee Break	☕
11:00-12:30	EDOC workshop sessions	
12:30-13:30	Lunch	🍽
13:30-15:00	EDOC workshop sessions	
15:00-15:30	Coffee Break	☕
15:30-17:00	EDOC workshop sessions	
Tuesday, October 31 2023		
08:30-09:00	Registration	
09:00-09:30	CoopIS and EDOC Welcome	BB 105
09:30-10:30	CoopIS Keynote – Fabio Casati	BB 105
10:30-11:00	Coffee Break	☕
11:00-12:30	CoopIS session 1 - Knowledge Engineering	BB 105
	- 11:00 - **Enhancing Fairness and Accuracy in Machine Learning through Similarity Networks.** *Samira Maghool, Elena Casiraghi and Paolo Ceravolo* - 11:30 - **Considering Vocabulary Mappings in Query Plans for Federations of RDF Data Sources.** *Sijin Cheng, Sebastián Ferrada and Olaf Hartig* - 12:00 - **AIS – a Metric for assessing the Impact of an Influencer's Twitter Activity on the Price of a Cryptocurrency.** *Kevin Miller and Kristof Böhmer*	
	EDOC Tutorial	BB 041b
12:30-13:30	Lunch	🍽
13:30-15:00	CoopIS session 2 - Deployment and Migration in CISs	BB 105
	- *13:30* - **Managing the Variability of Component Implementations and Their Deployment Configurations Across Heterogeneous Deployment Technologies.** *Miles Stötzner, Uwe Breitenbücher, Robin Pesl and Steffen Becker* - *14:00* - **Adaptive Multi-Agent System for Dynamic Clustering Applied to Itineraries Regularities and Traffic Prediction.** *Alexandre Perles, Ha Nhi Ngo, Elsy Kaddoum and Valérie Camps* - *14:30* - **Double Deep Q-Network-based Time and Energy-efficient Mobility-aware Workflow Migration Approach.** *Nour El Houda Boubaker, Karim Zarour, Nawal Guermouche and Djamel Benmerzoug*	

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	EDOC Tutorial	BB 041b
15:00-15:30	*Coffee Break*	☕
15:30-17:00	EDOC session 5	*BB 105*
	CoopIS demo session	BB 041b
	EDOC demo session	BB 041b
X?	*Reception*	
	Wednesday, November 1 2023	
08:30-09:00	*Registration*	
09:00-10:00	*EDOC Keynote – Coral Calero*	BB 105
10:00-10:30	*Coffee Break*	☕
10:30-12:30	*CoopIS session 4 - Process Modeling and Analytics 1*	*BB 253*
	- 10:30 - **Beyond Rule-based Named Entity Recognition and Relation Extraction for Process Model Generation from Natural Language Text.** *Julian Neuberger, Lars Ackermann and Stefan Jablonski* - 11:00 - **LABPMN: Location-Aware Business Process Modeling and Notation.** *Leo Poss, Lukas Dietz and Stefan Schönig* - 11:30 - **On the Semantic Transparency of Declarative Process Models: The Case of Constraints.** *Dung My Thi Trinh, Amine Abbad-Andaloussi and Hugo A. López* - 12:00 - **Discovering Guard Stage Milestone models through hierarchical clustering.** *Leyla Moctar M'Baba, Mohamed Sellami, Nour Assy, Walid Gaaloul and Mohamedade Farouk Nanne*	
	EDOC session 2	BB 105
12:30-13:30	*Lunch*	🍽
13:30-14:30	CoopIS Keynote – Boualem Benatallah	BB 105
14:30-15:00	*Coffee Break*	☕
15:00-17:00	*CoopIS session 5 - Process Modeling and Analytics 2*	*BB 253*
	- 15:00 - **Discovery of Workflow Patterns - A Comparison of Process Discovery Algorithm.** *Kerstin Andree, Mai Hoang, Felix Dannenberg, Ingo Weber and Luise Pufahl* - 15:30 - **From Process Mining Insights to Process Improvement: All Talk and No Action?** *Vinicius Stein Dani, Henrik Leopold, Jan Martijn van der Werf, Iris Beerepoot and Hajo A. Reijers* - 16:00 - **Rectify Sensor Data in IoT: A Case Study on Enabling Process Mining for Logistic Process in an Air Cargo Terminal.** *Chiao-Yun Li, Aparna Joshi, Nicholas Tam, Sean Lau, Jinhui Huang, Tejaswini Shinde and Wil van der Aalst* - 16:30 - **Using Process Mining for Face Validity Assessment in Agent-based Simulation Models: An Exploratory Case Study.** *Rob Bemthuis, Ruben Govers and Sanja Lazarova-Molnar*	
	EDOC session 6	*BB 105*
19:00-22:00	*Conference Dinner*	
	Thursday, November 2 2023	
08:30-09:00	*Registration*	
09:00-10:00	*EDOC Keynote - Janina Bauer*	*BB 105*
10:00-10:30	*Coffee Break*	☕
10:30-12:30	*CoopIS session 7 - Human Aspects and Social Interaction in CISs*	*BB 253*

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	- 10:30 - **Towards Scaling External Feedback for Early-Stage Researchers: A survey study.** *Yuchao Jiang, Marcos Baez and Boualem Benatallah* - 11:00 - **Learning Hierarchical Robot Skills Represented by Behavior Trees from Natural Language.** *Kaiyi Wang, Yongjia Zhao, Shuling Dai, Minghao Yang, Yichen He and Ning Zhang* - 11:30 - **Relating Context and Self Awareness in the Internet of Things.** *David Arnaiz, Marc Vila, Eduard Alarcón, Francesc Moll, Maria-Ribera Sancho and Ernest Teniente* - 12:00 - **Social Network Mining from Natural Language Text and Event Logs for Compliance Deviation Detection.** *Henryk Mustroph, Karolin Winter and Stefanie Rinderle-Ma*	
	EDOC session 1	*BB 105*
12:30-13:30	*Lunch*	🍽
13:30-15:00	CoopIS session 3 - Security and Privacy in CISs	*BB 105*
	- 13:30 - **Decentralized and Autonomous Key Management for Open Multi-Agent Systems of Embedded Agents.** *Arthur Baudet, Oum-El-Kheir Aktouf, Annabelle Mercier and Philippe Elbaz-Vincent* - 14:00 - **An Empirical Study on Socio-technical Modeling for Interdisciplinary Privacy Requirements.** *Claudia Negri-Ribalta, Rene Noel, Oscar Pastor and Camille Salinesi* - 14:30 - **Enhancing Workflow Security in Multi-Cloud Environments through Monitoring and Adaptation upon Cloud Service and Network Security.** *Nafiseh Soveizi and Dimka Karastoyanova*	
	CoopIS session 8 - Work in Progress (WIP) Papers 1	*BB 253*
	- **BAnDIT: Business Process Anomaly Detection in Transactions.** *Nico Alexander Rudolf, Kristof Böhmer and Maria Leitner* - **Resource-Driven Process Manipulation: Modeling Concepts and Valid Allocations.** *Felix Schumann and Stefanie Rinderle-Ma* - **Graph Collaborative Filtering and Data Augmentation Strategies in Dual-Target CDR.** *Xiaowen Shao, Baisong Liu, Xueyuan Zhang, Junru Li, Ercong Xu and Shiqi Wu* - **Clustering Raw Sensor Data in Process Logs to Detect Data Streams.** *Matthias Ehrendorfer, Juergen Mangler and Stefanie Rinderle-Ma* - **Comparing the Performance of GPT-3 with BERT for Decision Requirements Modeling.** *Alexandre Goossens, Johannes De Smedt and Jan Vanthienen*	
15:00-15:30	*Coffee Break*	☕
15:30-17:00	*CoopIS session 9* - Work in Progress (WIP) Papers 2	*BB 253*
	- **A Requirements Study on Model Repositories for Digital Twins in Construction Engineering.** *Philipp Zech, Georg Fröch and Ruth Breu* - **Joint Dynamic Resource Allocation and Trajectory Optimization for UAV-Assisted Mobile Edge Computing in Internet of Vehicles.** *Runji Li and Haifeng Sun* - **Towards an Improved Unsupervised Graph-based MRI Brain Segmentation Method.** *Maria Popa and Anca Andreica* - **User-friendly exploration of highly heterogeneous data lakes.** *Nelly Barret, Simon Ebel, Théo Galizzi, Ioana Manolescu and Madhulika Mohanty* - **Optimizing hospital patient flow by predicting aftercare requests from fuzzy time series.** *SRenata Medeiros de Carvalho, Stef van der Sommen and Danilo Ferreira de Carvalho*	
	EDOC Panel: Panel: Sustainable Enterprises	*BB 105*
17:00	*CoopIS closing session*	

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Friday, November 3 2023		
08:30-09:00	Registration	
09:00-10:00	EDOC Keynote - Jerker Desling	BB 105
10:00-10:30	Coffee Break	☕
10:30-12:30	EDOC Session 4	BB 105
	PhD Symposium	EAE 5159.0010
12:30-13:30	Lunch	🍽
13:30-15:00	EDOC Session 5	BB 105
	PhD Symposium	EAE 5159.0010
15:00-15:30	Coffee Break	☕
15:30-17:00	EDOC Session 6	
17:00	EDOC closing session	