

CDVE2024 Conference Schedule

Venue: Holiday Inn Express Valencia-Ciudad las Ciencias, C/ Escritor Rafael Ferreres N. 22, 46013 Valencia, Tel: +34 963 162530

Session	Hour	Moderator	Authors	Title	Duration
Day 0					
Europe Sunday, Sept. 15, 2024					
	18:00 - 20:00		Conference registration		120
	18:30 - 19:30		Conference Welcome Cocktail		60
Day 1					
Europe Monday, Sept. 16, 2024					
	9:00-9:10	Sebastià Galmés	Professor Yuhua Luo	Conference opening	10
BT1	9:10-10:15	Barbara Anthony	Munir Hussain, Amjad Mehmood, Muhammad Altaf Khan, Jaime Lloret and Carsten Maple	Performance Optimized Leader Selection Consensus Algorithm for Consortium Blockchain using Trust Values of Nodes	25
			Miguel Zaragoza-Esquerdo, Sandra Sendra, Ali Ahmad and Jaime Lloret	Collaborative Wireless Energy Charging System in Wireless Sensor Networks	25
			Juan Lladó and Sebastià Galmés	User Service Times in Wireless Energy Networks	15
CD1	10:15 - 10:55	Ewa Grabska	Leman Figen Gül, Burak Delikanlı, Oğulcan Üneşi, Ertuğrul Ömer Gül	Exploring Co-design with an AI Partner: The GAI-A Interface in Architectural Education	25
			Maria Rosaria Stufano Melone, Domenico Camarda	Real vs. artificial scenario-building in planning: Some GPT-based experimental notes	15
10:55-11:20					
Coffee break					
CA1	11:20-12:10	Sandra Sendra	Jinshun Yang, Shuangxi Huang, and Mingfeng Huang	Event Evolution Analysis of Network Text Based on Pre-trained Language Model and Event Graph	25
			Diego Vallejo-Huanga, Kevin Cadena, Alexis Villavicencio, and Paulina Morillo	Implementing Similarity Matrices in a Web Interactive Tool for Scientific Articles Matching	25
CE1	12:10-13:00	Adrien Coppens	Philipp M. Fischer, Philipp Chrszon, Tobias Franz, Dominik Quantius, Oliver Romberg], and Andreas Gerndt	Explicit Product Structures for Concurrent Engineering	25
			Jonas Rents, Guillaume Gronier and Samia Ben Rajeb	Perceptions of Collaboration in the Belgian AEC Industry: A Preliminary Study	25
13:00-14:30					
Lunch time					
CV1	14:30 - 15:20	Sandra Sendra	Adrien Coppens and Valérie Maquil	Skeletal Data Matching and Merging from Multiple RGB-D Sensors for Room-Scale Human Behaviour Tracking	25
			Guofeng Qin	Recognition of Barium Meal Track for Swallowing Imaging	25
CA2	15:20 - 16:05	Nadeem Iftikhar	Diego Vallejo-Huanga, Alex Terreros and Diego Vicuña	Facial Ethnicity Identification by Collaborative Voting System	25

			(V)Khuat Duc Anh, Mai Van Tung, Vu Duy Hanh, Luu Minh Huong, Ngo Truong Minh, Phan Duy Hung	A Collaborative IoT School Bus Monitoring System	20
	16:05 - 16:25		Coffee break		
	16:30 - 18:30		CDVE2024 Reception guided tour		
	Day 2		European Tuesday, Sept. 17, 2024		
CA3	9:00 - 9:50	Frode Eika Sandnes	Barbara Anthony and Mark Mueller	Course scheduling made easier: A user-friendly web-based timetabling tool using PyGLPK	25
			Raihana Allani and Pierre Leclercq	A Conceptual Model of a Multi-Agent System to Simulate Collective Behaviors in Renewable Energy Communities	25
CD2	9:50 - 10:45	Adrien Coppens	Agnieszka Mars, Ewa Grabska, Barbara Strug and Grażyna Ślusarczyk	Style-Preserving Evolutionary Approach In Cooperative Game Design	25
			René Bennyson, Lucian Lungu, Lasse Christiansen and Stine Mark	Cooperative Design for Integrating Technical and Contextual Skills in Technical Training	15
			Alex Ivanov	Playing with Bricks for Metaphor Construction Poses a Serious Challenge to Design Students	15
	10:45 - 11:15		Coffee break		
	11:15 - 12:15		Panel Session and free discussion	AI and CDVE	60
BT2	12:15 - 13:00	Sebastià Galmés	(V)Manel Rafrafi, Imen Merdassi, Cherif Ghazel and Leila Saidane	An Improved Model for Enhancing Cloud Security through Hybrid Optimization of Intrusion Detection	25
			Crescencio Bravo Santos, Ana Isabel Molina, Yoel Arroyo and Manuel Ortega-Cordovilla	A proposal of task-based notation to specify collaboration awareness in groupware	20
	13:00 - 14:30		Lunch time		
CV2	14:30 - 15:20	Ewa Grabska	Frode Eika Sandnes	Twenty years of Collaborative Design, Visualization and Engineering: A Bibliometric Exploration	25
			Dorthe Holmberg Lauritzen and Peter Nørkjær Gade	Transformative potentials of data visualization in Digital Building Design - a Literature Review	25
CA4	15:20 - 16:00	Philipp M. Fischer	Muhammet Ozdemir and Gaffari Celik	Classification of Concrete Compressive Strength Using Machine Learning Methods	25
			Nadeem Iftikhar, Kurt Lindgren, Ib Helmer Nielsen and Kevin Bo Gatzwiller	Cooperative Learning in Industry 4.0: Transforming SMEs and Educational Practices with Assembly Line Prototypes	15
	16:00 - 16:20		Coffee break		
	16:20 - 17:00	Jaime Lloret	Committee meeting, all participants can attend		
	20:30 - 22:00		CDVE2024 Conference dinner		

Day 3		European Wednesday, Sept. 18, 2024			
CE2	9:00 - 10:05	Philipp M. Fischer	Xi He, Siwei Yang and Shuangxi Huang	Profit Allocation in Logistics Enterprise Coalitions Based on Fuzzy Cooperative Game Theory	25
			(V)Pham Tuan Viet and Phan Duy Hung	Achieving High-Precision Localization in Self-Driving Cars Using Real-Time Visual-Based Systems	15
			Esben Skov Laursen and Rene Bennyson	Framework for Competences in Environmental Sustainability Driving Cooperative Engineering	15
CE3	10:05 - 10:45	Ewa Grabska	Anabelle Rahhal, Samia Ben Rajeb and Pierre Leclercq	A methodological tool for constructing common understanding of a BIM project	25
			(V)Khaoula Stiti and Samia Ben Rajeb	Assessment of Non-Researcher-Generated Data within the Framework of Heritage Attributes Insights and Challenges	15
10:45 - 11:10		Coffee break			
CV3	11:10 - 12:20	Sebastià Galmés	Adrien Coppens, Lou Schwartz and Valérie Maquil	Workspace Awareness Needs in Mixed-Presence Collaboration on Wall-Sized Displays	25
			(V)Hanlin Lan, Jiansu Pu, Yulu Xia, Yilei He, Yu Zhang, Jinyue Huang and Yunbo Rao	Enhancing Model Interpretability Through Interactive Visual Analysis and Counterfactual Explanation Methods	20
			Olga Menukhin and Nikolay Mehandjiev	Collaborative Decision Support with 3D Visualizations as Boundary Objects	25
BT3	12:20 - 12:45	Sebastià Galmés	(V)Duc-Minh Ngo, Dominic Lightbody, Andriy Temko, Colin C. Murphy and Emanuel Popovici	Enhancing Security and Scalability in IoT Networks Applying Blockchain Technology	25
12:45 - 13:00		Sebastià Galmés	Jaime Lloret	Conference closing	
13:00 - 14:30		Lunch time			
End of conference, see you in CDVE2025!					