

# 22 September

9:00-9:45		Registration	
9:45-10:00		Opening	
10:00-11:00		Plenary: Cesar Hidalgo	
11:00-11:30		Coffee Break	
11:30-12:00		Plenary: Péter Baranyi	
12:00-12:40		12:00-12:40	
<b>Parallel Session I.</b>		<b>Parallel Session II.</b>	
<b>Session: Linguistic and Behavioural Interaction Analysis in Emphatic Systems</b>		<b>Track: Internet of Digital &amp; Cognitive Realities</b>	
<b>Session Chair:</b>		<b>IoD Session I. Chair: Pál Varga</b>	
Jay Kejririw and Štefan Beňuš	Speech entrainment and emotion	Norbert Péter Szabó, Csaba Ilyés, Endre Turai, Mihály Dobróka, Roland Kilik, Rita Miklós, Mohamed Hamdy Eid and Péter Szűcs	Fourier Transformation and Unsupervised Learning for Extracting Hydrogeological Information from Time Series Data
Ronald Römer, Peter Beim Graben, Markus Huber-Liebl and Matthias Wolff	(Pre-)linguistic Problem Solving based on Dynamic Semantics	Modafar Al-Shouha and Gábor Szűcs	iPIC-XAI: Improving PIC-XAI for Enhanced Image Captioning Explanation
12:40-14:00		Lunch Break	
14:00-15:00		14:00-15:00	
<b>Parallel Session III.</b>		<b>Parallel Session III.</b>	
<b>Session: Virtual Reality</b>		<b>Track: Internet of Digital &amp; Cognitive Realities</b>	
<b>Session Chair: Ildikó Horváth</b>		<b>IoD Session II. Chair: József Bíró</b>	
Fahmi Bellalouna and David Puljiz	Supporting Heat Pump Installation through Handheld Augmented Reality	Bálint Tóth, Szabolcs Torma, Ákos Nagy and Luca Szegletes	Deep learning-based blood pressure measurement on a low-power microcontroller
Viktor Dénes Huszár and Vamsi Kiran Adhikarla	Addressing Video-Replay-Attacks in Active Virtual Sports: A New Dataset and Deep Learning-based Approach	Atsushi Sakahara, Atsushi Ito and Madoka Hasegawa	A Comparative Study on Idea Generation Methods
Uršula Žákovská and David Sedláček	Studying the Role of Non-Player Users (Spectator and Operator) in XR Single and Multiplayer Experiences	Balázs Tibor Morvay, Bálint Béres, Szabolcs Torma and Dr. Luca Szegletes	Diffusion probabilistic model based face anonymization in embedded environments
15:00-15:30		Coffee Break	
15:30-16:30		15:30-16:30	
<b>Parallel Session V.</b>		<b>Parallel Session VI.</b>	
<b>Session: Multidisciplinary Approaches of CogInfoCom</b>		<b>Session: Personalised Digital Tourism and Training</b>	
<b>Session Chair: Ádám Csapó</b>		<b>Session Chair: Judit Grotte</b>	
Szabolcs Torma, Judit Tevesz and Luca Szegletes	Generating visually evoked potentials using a diffusion probabilistic model	Eszter Marczell Szilágyi, Tímea Magyar, Ilona Béres and Judit Grotte	The role of extended reality in tourism
Peter Foldesi and Eszter Sos	Assessing logistics strategy issues under cognitive biases	Judit Grotte	Introducing the Concept of Personalized Digital Tourism (PDT)
Valeria Cioffi et al.	An hypothesis for describing a case of Gestalt Psychotherapy using the network and Process Model Approach with reference to RDoC.	Jinat Ara and Cecilia Sik-Lanyi	Webpage accessibility evaluation using Machine Learning Technique
Erzsébet Tóth and Zoltán Gál	Multilabel Clustering Analysis of the Croatian-English Parallel Corpus Based on Latent Dirichlet Allocation Algorithm	Ildikó Horváth, Csaba Vér and Brigitta Balogh	Empowering Circular Economy Goals through Cognitive Infocommunications in Dual Training Programs
17:30-21:00		Baquet - at KIOSK Budapest	

## 23 September

10:00-10:30		Plenary: Andrea Kó	
10:30-11:00		Plenary: Viktor Dörfler	
11:00-11:30		Coffee Break	
11:30-12:50		11:30-12:50	
<b>Session VII.</b>		<b>Session VIII.</b>	
<b>Track: Digital &amp; Cognitive Corporate Reality</b>		<b>Track: Digital &amp; Cognitive Corporate Reality</b>	
<b>DCR Session I. Chair: Grzegorz Leszczyński</b>		<b>DCR Session II. Chair: Andrea Kó</b>	
Grzegorz Leszczyński and Piotr Gaczek	Overcoming Managers' Aversion to AI-CRM with Explainability	Dorottya Szemere and András Nemeslaki	Why government-supported electric scooter regulations fail: how can value-sensitive design help to examine stakeholder needs?
Sayyed Khawar Abbas, Dr. Andrea Kó and Dr. Zoltán Szabó	B2B Financial sector behavior concerning the cognitive chatbots; D&M and TAM Models Based study.	Andrea Gelei, Katalin Ternai and Elizabeth Lengyel	Industry 4.0 readiness of SMEs – model proposal and empirical insights
Zsombor Nagy, Károly Szabó, Dániel Kováts and László Szabó	Digital Transformation: The gaining of RPA in the financial sector Keynote presentation	Szabina Fodor, Katalin Ternai and Andrea Gelei	Exploratory analysis of I 4.0 readiness using topic modelling
Melinda Magyar and Dávid Burka	It's the journey that matters: Using issue tracking to evaluate groupwork in education	Frigyes Viktor Arthur, Bálint Gyires-Tóth, Máté Imre Debreczeni and Lívía Réka Ónozó	Language of the Market: NLP-Driven Sentiment Analysis of Hungarian Economy
12:50-14:00		Lunch Break	
14:00-15:00		14:00-15:00	
<b>Session IX.</b>		<b>Session X.</b>	
<b>Track: Digital &amp; Cognitive Corporate Reality</b>		<b>Track: Internet of Digital &amp; Cognitive Reality</b>	
<b>DCR Session III. Chair: Borbásné Szabó</b>		<b>IoD Session III. Chair:</b>	
Bálint Molnár	An Analysis of the Concept of Cognitive Enterprise Architecture	Gábor Hosszú	The Pattern Evolution Research
Kristof Antal	Human and Machine Collaboration in Corporate Strategy Development	Osama Khafajy and Gábor Hosszú	Phylogenetic Inference Using Advanced Feature Selection Novel approach for PAPR reduction in FBMC-OQAM using
Mihály Szabó and Szabina Fodor	Practical Quantum Game Theory	Zahraa Tagelsi, Husam Al Amaireh	Enlipping
15:00-15:15		<b>Closing</b>	