



7th International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems

Final Program February 22-24, 2024

Università degli Studi di Palermo Palermo, Italy

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Conference Reception and Banquet February 22, 18:30 - 22:00 (CET)

IHSI 2024 International Conference Università degli Studi di Palermo Department of Architecture Building 14 Address: Viale delle Scienze, 19/Ed. 14, 90128 Palermo PA, Italy

Conference Reception: 18:30 - 22:00 February 22, 2024 Location: Le Terrazze del Sole a Palermo Address: Via Vittorio Emanuele, 291, 90100 Palermo PA, Italy (Registered Participants only - Dress: Business Casual, Photo ID Required)



ORGANIZING CONFERENCE CO-CHAIRS

Dario Russo (Università degli Studi di Palermo), Italy Giuseppe Di Bucchianico (Università di Chieti-Pescara), Italy

CONFERENCE SCIENTIFIC ADVISOR

Alberto Vergnano (University of Modena and Reggio Emilia), Italy

TECHNICAL PROGRAM CHAIRS

HSI 1: AUTOMOTIVE DESIGN AND TRANSPORTATION ENGINEERING Chair: Alberto Vergnano (University of Modena and Reggio Emilia), Italy			
	HSI 2: HUMANS AND ARTIFICIAL COGNITIVE SYSTEMS		
	Darko Etinger (Juraj Dobrila University of Pula), Croatia		
	Gence Technology and Analytics		
-	Tihomir Dovramadjiev (Technical University of Varna), Bulgaria		
	TATIONAL MODELING AND SIMULATION		
Chair:	Darko Etinger (Juraj Dobrila University of Pula), Croatia		
	s and Artificial Systems Complexity		
Chair:	Darko Etinger (Juraj Dobrila University of Pula), Croatia		
IHSI 6: Smart	Materials and Inclusive Human Systems		
Chair:	Stefania Camplone (University of Chieti-Pescara), Italy		
	i-Autonomy Teaming		
	Axel Schulte (Universität der Bundeswehr München), Germany		
	ations and Future Trends		
Chair:	Giuseppe Di Bucchianico (University of Chieti-Pescara), Italy		
Acronym	Ткаск		
IHSI 1	Automotive Design and Transportation Engineering		
IHSI 2	Humans and Artificial Cognitive Systems		
IHSI 3	Intelligence Technology and Analytics		
IHSI 4	Computational Modeling and Simulation		
IHSI 5	Humans and Artificial Systems Complexity		
IHSI 6	Smart Materials and Inclusive Human Systems		
IHSI 7	Human-Autonomy Teaming		
IHSI 7 IHSI 8	Human-Autonomy Teaming Applications and Future Trends		

Conference at a Glance



Hybrid conference program schedule is listed in Central European Standard Time (CET) - Palermo Timezone

Friday, Feb 23

#	TITLE	Rоом	TRACK
	Session Time: 9:00-10:30 (CET)		
1	Transportation Engineering: Automotive Design I	Roma	IHSI 1
2	Humans and Artificial Cognitive Systems I	Milan	IHSI 2
3	Intelligence, Technology and Analytics I	Venice	IHSI 3
10:30-11:00 • Sessions Break			
	Session Time: 11:00 - 12:30		
4	Computational Modeling and Simulation I	Roma	IHSI 4
5	Humans and Artificial Systems Complexity I	Milan	IHSI 5
6	Smart Materials and Inclusive Human Systems	Venice	IHSI 6
	12:30 - 13:00 • Sessions Break		
	Session Time: 13:00 -14:00		
7	Human-Autonomy Teaming I	Roma	IHSI 7
8	Applications and Future Trends: AI and Inclusive Human Systems	Milan	IHSI 8
10	Humans and Artificial Cognitive Systems II	Venice	IHSI 2

#	Тітle	Rоом	Track	
	Session Time: 9:00-10:30 (CET)			
11	Intelligence, Technology and Analytics II	Roma	IHSI 3	
12	Computational Modeling and Simulation II	Milan	IHSI 4	
13	Humans and Artificial Systems Complexity II	Venice	IHSI 5	
	10:30-11:00 • Sessions Break			
	Session Time: 11:00 - 12:30			
14	Workshop: Participatory Exploration and Design of Human-AI Cooperation	Roma	IHSI 7	
15	Applications and Future Trends: Simulation and Virtual Reality	Milan	IHSI 8	
17	Applications and Future Trends: User Experience	Venice	IHSI 8	
	12:30 - 13:00 • Sessions Break			
	Session Time: 13:00 -14:00			
18	Applications and Future Trends: Eye Tracking and AI	Roma	IHSI 8	
19	Design, Applications and Future Trends	Milan	IHSI 8	

Friday, Feb 23

1	Transportation Engineering: Automotive Design I Session Chair(s): Birsen Donmez, Canada and Miriam Schäffer, Germany	IHSI 1
9:00 - 10:30 - ROMA	 Training to Support Appropriate Reliance on Advanced Driver Assistance S Chelsea Deguzman, Birsen Donmez, Canada Automotive human machine interface to use like a peripersonal space the the elbow using vibrotactile stimulation Tomokazu Furuya, Takeshi Kawashima, Japan Analysis of Physical Readiness for Take-Over in Automated Driving – App to Classify Non-Driving Related Activities According to Their Level of Com- Miriam Schäffer, Felix Unselt, Wolfram Remlinger, Germany Navigating the challenges of remote operations of automated road vehice A socio-technical perspective Jonas Andersson, Mikael Söderman, Sweden Requirements for Haptic Virtual Training Systems in the Automotive Indu- Michael Preutenborbeck, Friedrich Wolf-Monheim, Eilís Carey, Pasquale C Nicolas Daniel Herzberger, Frank Flemisch, Germany User-centred planning for rail vehicles to increase efficiency Bernhard Rueger, Austria Exploring External Human Machine Interface Design for Autonomous Vel Pedestrian Communication: Insights from Discussions and Drawing Sess Ali Alhawiti, Valerian Kwigizile, Jun-seok Oh, Zachary D Asher, Obaidullah Hakimi, United States 	broach aplexity cles: stry Canu,
2	Humans and Artificial Cognitive Systems I Session Chair(s): Alexander Streicher, Germany and Patrice Renaud, Canada	IHSI 2
9:00 - 10:30 - MILAN	 Participants' speed-accuracy trade-off behavior in high-stress situations in simulator studies Marcel Usai, Philip Schäfer, Nicolas Daniel Herzberger, Frank Flemisch, C Experimental study on the effect of micro-refresh during office work in V to restore intellectual concentration decline Kento Nomura, Takuto Higashimaki, Reika Abe, Kimi Ueda, Hirotake Ishii Hiroshi Shimoda, Fumiaki Obayashi, Japan Cognitive User Modeling for Adaptivity in Serious Games Alexander Streicher, Kolja Bauer, Germany Cognitive Systems Challenges of Virtual Reality (VR) and Simulated Air Tre Control Environment (SATCE) in Flight Training: The Purdue Case Study Dimitrios Ziakkas, Linda Tomko, Dimitra Eirini Synodinou, United States First Probe into Frontal EEG Dynamic Cross-Entropy Associated with Virtue Sexual Content Mathieu Brideau-Duquette, Sara Saint Pierre Côté, James Pfaus, Patrice Renaud, Canada The Neural Algebra and its Impact on Design and Test of Intelligent System Thomas Fehlmann, Eberhard Kranich, Switzerland Causal Discovery for Observational Image Datasets: A Vision Paper Atul Rawal, Adrienne Raglin, Ziying Tang, Qianlong Wang, United States 	Germany R space i, raffic ıal

Friday, Feb 23

3	Intelligence, Technology and Analytics I Session Chair(s): Justin Nelson, United States and Ryunosuke Fukada, Japan	IHSI 3	
9:00 - 10:30 - VENICE	 Japan Temporal Analysis Method to Visualize Changes in Alternative Uses Test Performance Ryunosuke Fukada, Kimi Ueda, Hirotake Ishii, Hiroshi Shimoda, Japan Can Structured Analytic Techniques enhance Intelligence, Surveillance, and Reconnaissance (ISR) Assessments when providing Incremental Information Justin Nelson, Anna Maresca, Bradley Schlessman, United States A Methodological Examination of Attitudes Toward Emerging Science and Technology Kyoko Ito, Kazune Ezaki, Tomiko Yamaguchi, Japan IDS with hybrid sampling technique: combination over and under-sampling technique and comparison with deep convolutional approach Davy Ghislain Vlavonou, Isckyros Gangbo, Thierry Nsabimana, Christian Bimenyimana, Perpetus Jacques Houngbo, Joël T. Hounsou, Fulvio Frati, Benin Design of Learning History Retention Framework using Blockchain Infrastructure to Ensure Reliability of Learning Logs Satoshi Togawa, Akiko Kondo, Kazuhide Kanenishi, Japan Mobile Application for Job Recommender System Connecting Students and Startups/SMEs for Practical Experience and Skill Development Noura Alhakbani, Saudi Arabia Math Game for Elementary School Children Using Leap Motion Controller Abeer Alnafjan, Saudi Arabia 		
	10:30 - 11:00 • Sessions Break		
4	Computational Modeling and Simulation I Session Chair(s): Arno Hartholt, United States and Akihiko Hanafusa, Japan	IHSI 4	
11:00 - 12:30 - ROMA	Introduction to human body model used for evaluating welfare and medical devices Akihiko Hanafusa, Japan Multidisciplinary Research & Development of Multi-Agents and Virtual Humans Leveraging Integrated Middleware Platforms Arno Hartholt, Andrew Leeds, Ed Fast, Edwin Sookiassian, Kevin Kim, Sarah Beland, Pranav Kulkarni, Sharon Mozgai, United States 3D Reconstruction Method Using A Pendulum RGB-D Camera Shigeaki Futagami, Kimi Ueda, Hirotake Ishii, Hiroshi Shimoda, Japan Integrated Eye-Tracking and EEG Data Collection and Synchronization for Virtual Reality-Based Spatial Ability Assessments Faezeh Salehi, Moein Razavi, Mason Smith, Manish Dixit, United States Indirectly determined maximal cardiac output in men and women with different physical activity Novák Jaroslav, Milan Stork, Czech Republic		

Friday, February 23

5	Humans and Artificial Systems Complexity I Session Chair(s): Bettina Harriehausen Mühlbauer, Germany and Stefan Neubauer, GermanyIHSI 5
) - MILAN	Integrating Rasmussen's SRK Taxonomy in a Future Fighter Cockpit Design Process
	Stefan Neubauer, Simon Schwerd, Axel Schulte, Germany The importance of crowdsourcing in the development of a navigation app for mobility impaired users
	Bettina Harriehausen-Mühlbauer, Germany How does it work? Collecting mental models for the user-centered design of assistance systems: a construction machinery case study
11:00 - 12:30 - MILAN	Theresa Prinz, Rutuja Joshi, Philipp Ehrle, Klaus Bengler, Dominik Hujo, Marius Krüger, Birgit Vogel-Heuser, Sebastian Beerkircher, Cornelia Kerausch, Germany
-	The Role of Artificial Intelligence in weather prediction, flight planning, route optimization and scheduling.
	Abner Flores, Dimitrios Ziakkas, Konstantinos Pechlivanis, United States An Automated Activity Determination in the Temporal Domain for Adaptive Pilot Assistance
	Karl Tschurtschenthaler, Axel Schulte, Germany Factors influencing the use of shared stroller rentals in scenic spots—an extension based on the UTAUT model
	Yu Xin Jiang, Xun Chen, Xu Li, China The effect of visual and auditory channel interaction on cognitive performance in online education Yingliang Sun, Wenyu Wu, Ke Zhu, Hao Huang, Jiayu Guo, Yilian Li, China
	12:30 - 13:00 • Sessions Break
7	Human-Autonomy Teaming I Session Chair(s): Rune Stensrud, Norway and Fabio Paternò, ItalyIHSI 7
13:00 -14:00 - ROMA	 Situation awareness training as a prerequisite for handling complexity in Human-autonomy teaming: Demonstration and experiment proposal Rune Stensrud, Sigmund Valaker, Aleksander Simonsen, Olav Rune Nummedal, Norway An Approach to Explainable Automations in Daily Environments Sara Maenza, Andrea Mattioli, Fabio Paternò, Italy Improving Intelligent Agent Teaming Performance through Transparency when Reliability Varies: a Cross-Cultural Study Leon Wang, China Beyond Levels of Automation: Human System Modes, Levels, Functions and Patterns for an Intelligent Human Systems Integration of Humans and Co-Systems Frank Flemisch, Nicolas Daniel Herzberger, Marcel Usai, Joscha Wasser, Germany Automation versus machine autonomy Laura Burzagli, Italy Preferences for the decision weight and accountability assignment in risky decision-making under human-machine collaboration contexts Wei Xiong, Liuxing Tsao, Liang Ma, China Safety boundary conditions for human machine interface design of medium level intelligent vehicle Fenghe Liang, Quan Yuan, China

Friday, February 23

8	Applications and Future Trends: AI and Inclusive Human Systems Session Chair(s): Stefania Camplone, Italy and Anna Dhungel, Germany	IHSI 8	
13:00 -14:00 - MILAN			
10	Humans and Artificial Cognitive Systems II Session Chair(s): Sigurd Schacht, Germany and Clement Galaup, Canada	IHSI 2	
13:00 -14:00 - VENICE	 Multimodal HCI: a review of computational tools and their relevance to detection of sexual presence Clement Galaup, Lama Séoud, Patrice Renaud, Canada Magenta: Metrics and Evaluation Framework for Generative Agents base LLMs Sudarshan Kamath Barkur, Pratik Sitapara, Sven Leuschner, Sigurd Schae Germany A serious game for the cognitive stimulation of seniors Paula Escudeiro, Márcia Campos, Francisca Escudeiro, Nuno Escudeiro, Portugal Cognitive efforts associated with spatial ability under altered spatial cont An eye-tracking study Faezeh Salehi, Fatemeh Pariafsai, Manish Dixit, United States Decoding Internal Decision Making During Reverse Engineering Tasks Brianna Marsh, Jocelyn Rego, Mia Levy, Mitchell Sayer, Alex Waagen, Aidan Barbieux, Edward Cranford, Don Morrison, Froylan Maldonado, J eremy Johnson, Joseph Divita, Jonathan Buch, Evelyn Kim, Christian Le Sunny Fugate, Rajan Bhattacharyya, United States Development of systematic measurement technology for girls' breast siz based on humanistic technology Yulin Zhao, China Ensuring Fast Interaction with HMI's for Safety Critical Systems - An Exter of the Human-Machine Interface Design Method KONECT Marcel Saager, Alexander Steinmetz, Jan-patrick Osterloh, Anja Nauman Axel Hahn, Germany 	d on cht, ditions: biere, ze nsion	
	End of Day 1 Technical Sessions		

11	Intelligence, Technology and Analytics II Session Chair(s): Antero Karvonen, Finland and Monica Daniela Gomez Rios, Ecuador	IHSI 3
9:00 - 10:30 - ROMA	 Design Systems for Intelligent Technology Mari Myllylä, Antero Karvonen, Hanna Koskinen, Finland Design of an augmented reality software tool to improve user interaction awareness in geolocation platforms. Monica Daniela Gomez Rios, Alejandro Drouet, Miguel Angel Quiroz Mari Ecuador Comparative Analysis of a Machine Learning model for Water Quality forecasting of the Guayas River based on the Internet of Things Galo Enrique Valverde Landivar, David Perez, Ecuador Recommendations for the use of resilience matrix in healthcare institution Kenta Nakayama, Kenji Watanabe, Japan Comparative analysis for the selection of a virtualization tool using the Al Model Monica Daniela Gomez Rios, Bryan Acosta, Jos Rosales, Miguel Angel Quiroz Martinez, Ecuador Secure and intelligent Mobile App for KSA Tourism Kahkashan Tabassum, Saudi Arabia Application of Artificial Intelligence for Talent Management: Challenges and Opportunities Mohammad Rashed Khan, United Kingdom 	tinez, ons
12	Computational Modeling and Simulation II Session Chair(s): Sandra Mateus, Colombia and Shuai Ding, China	IHSI 4
9:00 - 10:30 - MILAN	Computational Aesthetics-based Model Evaluation Method for Industrial Shuai Ding, Beibei Sun, China Development of a Video Game for Cognitive Stimulation in Early-Stage Alzheimer's Disease Sandra Mateus, Jorge Giraldo, Daniel Ramírez, Claudia Ramos, Colombia Optimal Voltage Regulation on Medium Voltage Line In Rural Area Using DIgSILENT Galo Enrique Valverde Landivar, Ervin Solano, Roy Santana, Ecuador Optimization of the temperature field inside a forced convection oven Zhen Yan, Minhua Chen, Hao Chen, Yan Zhang, China	3
13	Humans and Artificial Systems Complexity II Session Chair(s): Dimitrios Ziakkas, United States and Benedetta Terenzi, Italy	IHSI 5
 Interaction between designers and AI: literature review of research to highlight the characteristics of co-creation and methods for analyzing it Elena Cavallin, Italy Human-AI Interaction: An Analysis of Anthropomorphization and User Engagement in Conversational Agents with a Focus on ChatGPT Gustavo Simas, Vânia Ribas Ulbricht, Brazil Connection between AI and product design - Potentials and critical issues in the text-to-image software-assisted design experience Benedetta Terenzi, Valeria Menchetelli, Giacomo Pagnotta, Ludovica Avallone, Italy The role of digital twins in the certification of the Advanced Air Mobility (AAM) systems Dimitrios Ziakkas, Marc St-Hilaire, Konstantinos Pechlivanis, United States A preliminary analysis of a nuclear power plant startup for a physics-based model of a digital twin Awwal Arigi, Ibrahim Aliyu, Jinsul Kim, Norway 		
10:30 - 11:00 • Sessions Break		

	Saturuay,	ICD 24
14	Workshop: Participatory Exploration and Design of Human-Al Cooperation Session Chair: Marcel Usai, Germany	IHSI 7
11:00 - 12:30 ROMA	Participatory Exploration and Design of Human-Al Cooperation Marcel Usai, Joscha Wasser, Michael Preutenborbeck, Frank Flemisch, C	Germany
15	Applications and Future Trends: Simulation and Virtual Reality Session Chair(s): Michael Preutenborbeck, Germany and Maria Moga, Romania	IHSI 8
11:00 - 12:30 - MILAN	 Haptics in Virtual Assembly Systems: Insights into the Current State of R Michael Preutenborbeck, Frank Flemisch, Nicolas Daniel Herzberger, Get Character Development: Bridging Digital and Traditional Drawing Technic Maria Moga, Dan Radu Moga, Romania Emerging Technologies in Aviation: The Simulated Air Traffic Control Environment (SATCE) application in Competency Based Training and Assessment. Dimitrios Ziakkas, Neil Waterman, Abner Flores, United States The Application of AR VR, and MR Technologies in the Museum Field: A Bibiometric Analysis from 2014 to 2023 Yu Xiao, Yong Wang, Zhiguo Fang, China Virtual Reality in Museum: Exploring the User Experience of Exhibition N Xin Hu, Po Hsun Wang, Macau Sar China Feasibility and Effectiveness of 2D Highlighting Methods Applied in 3D Modeling Hui Meng, Xiaojun Liu, China 	ermany iques
17	Applications and Future Trends: User Experience Session Chair(s): Davide Gentile, Canada and Kurt Englmeier, Germany	IHSI 8
11:00 - 12:30 - VENICE	 Session Chair(s): Davide Gentile, Canada and Kurt Englmeier, Germany User-Centered Models for Adaptive Learner Journeys in Self-Paced Learning Kurt Englmeier, Germany Enhancing Human Performance with Post-Hoc Explanations in Machine Learning-based Decision Support Systems Davide Gentile, Birsen Donmez, Greg Jamieson, Canada User experience and sustainability of person-centered services - A case study on caregiver workshops and services by a bar type of restaurant Masayuki Ihara, Hiroko Tokunaga, Tomomi Nakashima, Shinpei Saruwatari, Hiroki Goto, Yuuki Umezaki, Shinya Hisano, Masashige Motoe, Japan Artificial Intelligence Generated Content (AIGC's) Cutting-Edge Practices and Challenges in The Field of Art Therapy Chang Guo, Anglu Li, China Evolution in videogame graphics: an approach between reality approach and user perspective Monica Daniela Gomez Rios, Kerlly Araujo, Felipe Castro, Miguel Angel Quiroz Martinez, Ecuador Identifying Pain Points and Solutions in Intermodal Travel: A Qualitative Study based on Interviews with Mobility Experts Merle Lau, Stefan Bohmann, Annika Dreßler, Michael Böhm, Duc Hai Le, Germany Khatti: An Interactive Mobile Application for Training of Arabic Calligraphy Mashael Aldayel, Saudi Arabia	
12:30 - 13:00 • Sessions Break		

18	Applications and Future Trends: Eye Tracking and AI Session Chair(s): Tauheed Khan Mohd, United States and Salvatore Di Dio, Italy	IHSI 8	
13:00 -14:00 - ROMA	 Salvatore Di Dio, Italy Designing the Future: A Manifesto for Design Education Salvatore Di Dio, Dario Russo, Francesco Monterosso, Benedetto Inzerillo, Italy Comparative Analysis and Evaluation of the Accuracy of Pixels Observed using Tobii Eye Tracker 5 Logan Hansen, Maya Conway, Cody Byrd, Quinn Au, Tauheed Khan Mohd, United States Vol3DEdu: Volograms' Integration in Education Eleni Mangina, Hrishikesh Mulay, Konstantinos Amplianitis, Jan Ondřej, Rafael Pagés, Charalambos Vrasidas, Eftychia Xerou, Filippos Tzortzoglou, Alivizos Sofos, Ireland Implementation of Artificial Intelligence (AI) in global Electronic Pilot Licenses Dimitrios Ziakkas, Abner Flores, Hans C Natakusuma, United States Streaming applied to entertainment: analysis of the constant evolution of a perpetual industry Monica Daniela Gomez Rios, Eduardo Alvarado, Daniel Mora, Miguel Angel Quiroz Martinez, Ecuador 		
19	Design, Applications and Future Trends Session Chair(s): Merle Lau, Germany and Liang Cao, China	IHSI 8	
13:00 -14:00 - MILAN	 Bridging the Cognitive Gap: Optimizing Gesture Interaction Design for the Elderly Cao Liang, China Through the Lens of ZMET Technique: Unveiling the Emotional Value and Innovative Integration of Campus Cultural and Creative Products Jianhong Wang, Xin Hu, China Olfactory Profile: Enhancing the Satisfaction and Pleasure of Ride-Hailing Experiences Yang Liu, Qiu Jie J, China Sustainable Warehouse Optimization: Integrating Industrial Design and Shervin Rezaei, Hamid Naghdbishi, Iran Design of waste plastic recycling facilities based on campus scenarios Xun Chen, Yuxin Jiang, Xu Li, China The Influence of Tourism Awareness on Behavior Akiko Kondo, Satoshi Togawa, Japan Digital Technology: As a Manner of Sustainable Transformation for Stake in Cultural Inheritance Lu Wang, China 	d g IoT	



Nteractive Poster Demonstrations

POSTER/DEMONSTRATION SESSIONS Friday-Saturday, February 23-24 (10:30 - 14:00)

Cyber Rehabilitation for the Elderly with Mild Cognitive Impairment A1. Ki Hwan Kim, Eun Sung Choi, Young Jin Kang, Seok Chan Jeong, South Korea Evaluation of Styling Design of Heavy-duty Industrial Robots Based on A2. **Comprehensive Integration Weighting Method** Mingqi Li, Beibei Sun, China Korean adolescent gambling addiction through text mining analysis A3. Soyoun Kim, Seon Kyeong Ahn, Ick-Joong Chung, South Korea Can Virtual Reality Interventions Enhance the Mental Health of Korean A4. Adolescents and Young Adults? A Systematic Review Jiyoung Yoon, Yeonjee Cho, Serim Lee, Jongserl Chun, South Korea The impact of youth access to intelligent devices & services on social A5. participation Ji Sun Lee, Lina Cui, Lee Yena, South Korea The Future of Multi-Agent Systems in Space Operations: Ethics, Teaming, A6. and Performance Kiara Morales, Samantha Miles, Sara Scrapchansky, Liam Kettle, Rydia Weiland, Kyle Wolsten, Lydia Melles, Ewart De Visser, Elizabeth Phillips, Chad Tossell, United States Social capitals effect on life satisfaction among the elderly: Mediating A7. effects of digital information literacy & attitudes toward digital technology Lina Cui, Soo Bin Jang, Choong Rai Nho, South Korea Adaptation issues in refugee children in Korea: Views of practitioners, A8. refugee children and their parents using LDA topic modeling Soo Bin Jang, Lina Cui, Hyun Young Choi, Choong Rai Nho, South Korea Can Claude AI pass Social Work Licensing Exam in South Korea? A9. Jin Hyuk Lee, Ji Sun Lee, Hyunjee Jeong, South Korea A10. Enhancing Transparency and Efficiency in Urban Management: Integrating Stochastic Models and Blockchain Technology Pouriya Miri, Vlado Stankovski, Slovenia A11. Statistical assessment of physico-chemical pollution of Sebou river in Mechraa Bel Ksiri, Morocco Fariri Khalid, Hraira Thami, Ettaki Jalal, Doumi Khalid, Maaroufi Manal, Belghyti Driss, Ghizlane Ztit, Khadija El Kharrim, Morocco A12. Bio-AI Metaverse Integration: Fusion of Surgical and Aerospace Engineering Janne Heilala, Finland A13. Handgrip-strength prerequisite for gait improvement by a walking assistive powered-wear Mizuho Sumitani, Yuko Otake, Yumeko Imamura, Fumiya Hanzawa, Kazuaki Kishimoto, Masahiko Sumitani, Japan



Please join us for the

8th International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems

February, 2025

Sapienza Universita' di Roma Rome, Italy

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