



2025

IHSI International

8th International Conference on
**Intelligent Human
Systems Integration:
Integrating People and
Intelligent Systems
(IHSI 2025)**

February 24-26, 2025
Sapienza Universita' di Roma
Rome, Italy

Final Program

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IHSI 2025

Conference Reception

MONDAY, FEBRUARY 24, 2025 - 19:30 - 22:00 (CET)

RECEPTION LOCATION:

PIAZZA NICOSIA, 24, 00186 ROMA RM, ITALY

(DRESS IS BUSINESS CASUAL, REGISTERED PARTICIPANTS, PHOTO ID REQUIRED)

Conference Organization

Technical Sessions: Tuesday - Wednesday, Feb 25-26, 2025

Conference Location: Sapienza Universita' di Roma

Address: Piazza Borghese, 9, 00186 Roma, Italy

Conference Co-Chairs:

Carlo Martino (Sapienza Universita' di Roma), Italy

Pepetto Di Bucchianico (Università di Chieti-Pescara), Italy

Vincenzo Maselli (Sapienza Universita' di Roma), Italy

Conference Scientific Advisors:

Dario Russo (Università degli Studi di Palermo), Italy

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

CONFERENCE ADMINISTRATOR:

ADMIN@IHSINT.ORG

Scientific Tracks

| | |
|--------|--|
| 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 8 | Applications and Future Trends |



Conference at a Glance

Scientific and Technical Session: Tuesday - Wednesday, February 25-26, 2025

Conference Location: Sapienza Università di Roma

Address: Piazza Borghese, 9, 00186 Roma, Italy

Tuesday, February 25, 2025

| # | SESSION TITLE | ROOM | TRACK |
|--|---|--------|--------|
| Day 1: Tuesday, February 25 - Session Time: 9:00 - 10:00 CET | | | |
| | Plenary Speech and Opening Session | Rome | ALL |
| 10:00 - 10:30 • Sessions Break | | | |
| Day 1: Tuesday, February 25 - Session Time: 10:30 - 12:00 CET | | | |
| 1 | Transportation Engineering: Automotive Design | Roma | IHSI 1 |
| 2 | Humans and Artificial Cognitive Systems I | Milan | IHSI 2 |
| 3 | Intelligence, Technology and Analytics I | Venice | IHSI 3 |
| 12:00 - 12:30 • Sessions Break | | | |
| Day 1: Tuesday, February 25 - Session Time: 12:30 - 14:00 CET | | | |
| 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 |
| End of Day 1 Sessions | | | |

Wednesday, February 26, 2025

| | | | |
|--|---|--------|--------|
| Day 2: Wednesday, February 26 - Session Time: 9:00 - 10:30 CET | | | |
| 7 | Human-Autonomy Teaming | Roma | IHSI 7 |
| 8 | Applications and Future Trends: AI and Inclusive Human Systems | Milan | IHSI 8 |
| 9 | Humans and Artificial Cognitive Systems II | Venice | IHSI 2 |
| 10:30 - 11:00 • Sessions Break | | | |
| Day 2: Wednesday, February 26 - Session Time: 11:00 - 12:30 CET | | | |
| 12 | Workshop: Participatory Exploration and Design of Human-Autonomy/AI Teaming | Roma | IHSI 7 |
| 13 | Humans and Artificial Systems Complexity II | Milan | IHSI 5 |
| 14 | Applications and Future Trends: Simulation and User Experience | Venice | IHSI 8 |
| 12:30 - 13:00 • Sessions Break | | | |
| Day 2: Wednesday, February 26 - Session Time: 13:00 - 14:00 CET | | | |
| 17 | Applications and Future Trends: Learning and User Experience | Roma | IHSI 8 |
| 18 | Applications and Future Trends: Digital Transformation and Interaction | Milan | IHSI 8 |
| 20 | Humans and Artificial Systems Complexity III | Venice | IHSI 5 |
| End of Day 2 Sessions | | | |



Scientific Program

Tuesday, Feb 25, 2025

9:00 - 10:00 Technical Sessions

DAY 1

Plenary Speech and Opening Session

Roma

Welcome and Opening remarks

Tuesday, Feb 25

9:00 -

10:00 (CET)

Plenary I: "The Implementation of Artificial Intelligence in Transportation: A Human-Centric Integration"

Speaker: Dimitrios Ziakkas, Purdue University, USA

Plenary II: "When Worlds Collide: Human vs Cyber vs Quantum"

Speaker: Maximilian Moll, University of the Armed Forces, Munich, Germany

10:00 - 10:30 • Coffee Break

Tuesday, Feb 25, 2025

10:30 - 12:00 Technical Sessions

Session/Presentation Information

Track

Room

DAY 1

IHSI 1

Roma

SESSION 1

Transportation Engineering: Automotive Design

Tuesday, Feb 25

Session Chair(s): Mehmet Mertkan, Finland and Konstantinos Gkentsidis, Belgium

10:30 - 12:00
(CET)

Evaluating the Impact of Head-Up-Display Position for Navigation Systems on Driver Safety and Usability
Ahmed Farooq, Mehmet Mertkan, Toni Pakkanen, Roope Raisamo, Finland

A Multimodal Sensor Setup for In Situ Comparison of Driving Dynamics, Physiological Responses and Passenger Comfort in Autonomous Vehicles
Harald Devriendt, Mathieu Sarrazin, Thomas D'hondt, Konstantinos Gkentsidis, Karl Janssens, Belgium

From Human Computer Interaction to Human Systems Migration: Internal Interaction in Automated Road Vehicles
Paul Weiser, Michael Preutenborbeck, Marcel Usai, Frank Flemisch, Germany

The Effect of Tactile Prompts During the Takeover Process of Autonomous Driving
Sijia Guo, Wenyu Wu, China

The Evaluation of AR-HUD Visual Augmentation Method Based on Situation Awareness
Weiran Rong, Wenyu Wu, Xuan Sun, China

Dynamic Optimization of Adaptive Vehicle Lighting Systems: A Multimodal Assessment of Driver Performance and Well-being
Ruizhuo Chai, W Wu, China

DAY 1

IHSI 2

Milan

SESSION 2 **Humans and Artificial Cognitive Systems I**

Tuesday, Feb 25 **Session Chair(s): Verena Wagner-hartl, Germany and Katja Gutsche, Germany**

10:30 -
12:00 (CET)

Concept and development of a user interface for human-robot collaboration during a safety briefing
Janine Tasia Stang, Verena Wagner-Hartl, Germany

User-centered design of professional social service robots
Katja Gutsche, Julian Genovese, Paul Serstjuk, Selin Altindis, Germany

Human Systems Integration and Design in Port Terminal Concessions: A Bibliometric Study of End – of – Life Management and Decommissioning Guidelines
Alen Jugovic, Tanja Poletan, Goran Kolaric, Miljen Sirotic, Croatia

State-of-the-art in human-centric studies of AI-enhanced situational awareness within the security domain
Laura Salmela, Jussi Okkonen, Roosa Heikkiniemi, Finland

Humans and AI writing lectures together
Andreas Stöckl, Tim Willaert, Rimbart Rudisch-sommer, Austria

Digital Networking for Economic Growth: Interactions Between Natural and Artificial Intelligence
Roberto Moro-visconti, Italy

Human Intelligence and Artificial Intelligence Interaction in Start-Up Enterprise
Vesa Salminen, Matti Pyykkönen, Finland

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| DAY 1 | IHSI 3 | Venice |
| SESSION 3 | Intelligence, Technology and Analytics I | |
| Tuesday, Feb 25 | Session Chair(s): Justin Nelson, United States and Dandan Kowarsch, United States | |
| 10:30 - 12:00 (CET) | Does Military Experience Influence Strategic Decision-Making with Respect to Geographical Headquarter Placement Justin Nelson, Timothy Heggedahl, Justin Morgan, Samuel Johnston, Jenna Cotter, United States | |
| | Elevating Student Success: Harnessing Machine Learning to Enhance University Completion Rates Dandan Kowarsch, United States | |
| | Machine Learning-Based Prediction of Emergency Department Prolonged Length of Stay: A Case Study from Italy Paolo Perlitto Scorzoni, Anita Giovanetti, Federico Bolelli, Costantino Grana, Italy | |
| | Optimizing Healthcare Efficiency with Local Large Language Models Ivan Lorencin, Nikola Tankovic, Darko Etinger, Croatia | |
| | Avatar-based emotion representation with varying degrees of realism Valentin Wunsch, Knut Möller, Verena Wagner-Hartl, Germany | |
| | Classification of Food Challenges and Values Based on Open-ended Responses Kyoko Ito, Yosuke Fukuda, Japan | |
| | Intelligent Tourist Guide System: Four Seasons Pavilion in Humble Administrator's Garden Fang Liu, Zihang Lu, Yang Liu, China | |
| | 12:00 - 12:30 • Sessions Break | |
| Tuesday, Feb 25, 2025 | | |
| 12:30 - 14:00 Technical Sessions | | |
| DAY 1 | IHSI 4 | Roma |
| SESSION 4 | Computational Modeling and Simulation I | |
| Tuesday, Feb 25 | Session Chair(s): Wooseok Jo, South Korea and Seung Gyu Cho, South Korea | |
| 12:30 - 14:00 (CET) | Optimized Simulation Analysis for Automatic Dynamic Accident Sequence Generation Using the Alpha Shape Method Wooseok Jo, Junyong Bae, Seung Jun Lee, South Korea | |

Deep Metric Learning-based Robust Diagnosis of Multiple Abnormal Events in Nuclear Power Plants
Seung Gyu Cho, Seung Jun Lee, South Korea

Integrating Design processes and Intelligent systems within supply chain digitalization, Two case studies in Made in Italy manufacturing.
Gabriele Goretti, Jurji Filieri, Benedetta Terenzi, Italy

Advanced Computational Modeling and Simulation for Immersive Virtual Reality Experiences: Preserving Hong Kong's Traditional Handicrafts
Lai Man Tin, Xiaoqiao Li, Tsz Fung Lam,
Hong Kong SAR China

From Conceptualisation to Simulation: A Multi-Method Simulation Model for Migration Flows on the Balkan Route
Igor Bernik, Blaž Rodič, Slovenia

Adaptive Retrieval and Chunking Framework
Amal Jose, Srushti Gajbhiye, Anuj Gupta, Swami Gopalakrishnan, Raman Gupta, Sharath Haikadi, India

Modeling the emergence of collaborationism
Maryna Zharikova, Stefan Pickl, Germany

DAY 1

IHSI 5

Milan

SESSION 5

Humans and Artificial Systems Complexity I

Tuesday, Feb 25

Session Chair(s): Debra Henneberry, United States and Charlotte Haid, Germany

12:30 -
14:00 (CET)

The Challenges of Integrating AI in Aviation Incident-Accident Investigations: A Human-Centric Approach
Dimitrios Ziakkas, Debra Henneberry, United States

Explainability in AI-based shift scheduling
Charlotte Haid, Gia-phong Tran, Johannes Fottner, Germany

A graph theory approach for data lineage in complex information systems using a technology, organization, and people integrated model in nuclear plants
Luigui Salazar, Olivier Malhomme,
Lies Benmiloud-bechet, Robert Plana, France

Menu optimization of digital twin system based on user experience: A case study of lyophilized injection workshop
Xinlu Qu, Zhang Yiran, Wenyu Wu, Xiaojun Liu, China

Narrative Utilization Ecosystem for Person-Centered Care
Masayuki Ihara, Hiroko Tokunaga, Tomomi Nakashima, Hiroki Goto, Yuuki Umezaki, Takashi Minato, Yutaka Nakamura, Shinpei Saruwatari, Japan

SOLARIA: exploring the role of non-Generative AI in sustainable effective Design
Jurji Filieri, Federica Giuliani, Andrea Zingoni, Giuseppe Calabrò, Italy

Evaluating AI-generated Research Plans: Expert Insights from a Blind Authorship Study
Thi Thien Nhi Dam, Leo Glomann, Germany

DAY 1

IHSI 6

Venice

SESSION 6

Smart Materials and Inclusive Human Systems

Tuesday, Feb 25

Session Chair(s): Stefania Camplone, Italy and Ahmed Farooq, Finland

12:30 -
14:00 (CET)

Exploring Inner Landscapes Through Material
Stefania Camplone, Ivo Spitilli, Giuseppe Di
Bucchianico, Italy

Harnessing Magnetorheological Fluids in Implantable
Actuators: A Novel Approach to Precision Haptic Feedback
in Biological Tissues
Ahmed Farooq, Roope Raisamo, Finland

Plant to fork: from sustainably sourced bio-based feedstock
to 3D printed delicacies
Patrizia Marti, Giampiero Cai, Sara Parri, Agata Di Noi,
Sebastiano Mastrodonato, Antonino Gulli, Italy

An autonomous shuttle for everyone: What information do
users need when using shuttles?
Ida Kuck, Lotte Wagner-Douglas, Lena Wirtz,
Stefan Ladwig, Germany

Innovative Multimodal Translation: Unveiling the Figure Out
Application's Real-Time Language Solution
Paula Escudeiro, Nuno Escudeiro, Márcia Campos,
Francisca Escudeiro, Portugal

Innovative Nanofiber Membrane Hydration Bladder for
Camping: A Sustainable Approach to Lightweight, Portable,
and Safe Water Storage
Ronghan Wang, Wenjing Li, Portugal

Wednesday, Feb 26, 2025

9:00 - 10:30 Technical Sessions

DAY 2

IHSI 7

Roma

SESSION 7

Human-Autonomy Teaming

Wednesday,
Feb 26

Session Chair(s): Sarah Rudder, United States and Tim Stelkens-Kobsch, Germany

9:00 -
10:30 (CET)

Optimizing Industrial Forklift Human-Machine Interface
(HMI) Position
Sarah Rudder, Sean Bumgarner, United States

Human Factors-Centric Validation of a Security Management System in a Linked Critical Infrastructures Environment

Florian Piekert, Tim H Stelkens-kobsch, Hilke Boumann, Meilin Schaper, Nils Carstengerdes, Germany

Optimization-Based Automated Tasking for Complex Multi-Drone Missions

Verónica Mendes Pedro, Axel Schulte, Germany

Teaching with Artificial Intelligence in Rural Communities for Microenterprise Development

Diana Rubí Oropeza-tosca, Rodolfo Martinez, Roger Notario-priego, Karina Gonzalez -izquierdo , Maria Rivera-rodriguez, Mexico

Experimental Evaluation of Pilot Visual Response To Understand Situational Awareness While Controlling Multiple UAVs

Tyler Shillig, Axel Schulte, Karl Tschurtschenthaler, Germany

DAY 2

IHSI 8

Milan

SESSION 8

Applications and Future Trends: AI and Inclusive Human Systems

Wednesday,
Feb 26

Session Chair(s): Wojciech Korek, United Kingdom and Hualan Gou, Portugal

9:00 -
10:30 (CET)

Developing a Liquid Hydrogen (LH2) System Layout for an Aircraft: A Programmer's Perspective

Wojciech Korek, James Blundell, Wen-chin Li, Linghai Lu, James Whidborne, Thomas Clare, Peter Beecroft, United Kingdom

The influence of cultural locality on the understanding of visualization in system operation

Hualan Gou, Xinbei Gong, Portugal

Human Machine Interface Design for Intelligent Vehicle Systems

Xinbei Gong, Hualan Gou, China

Intelligent Process Control: The Case of Designing Predictive Service for Wastewater Treatment Plant

Hanna Koskinen, Päivi Heikkilä, Mari Myllylä, Susanna Aromaa, Antero Karvonen, Finland

AI-Supported Personas vs Conventional Personas: A comparative Study Based on The Views and Opinions of Designers

Ece Cinar Balci, Ekrem Cem Alppay, Turkey

Exploring cybersecurity challenges of digital transformation in higher education

Fatimah Alshahrani, Shoug Alyami, Mahdi Alyami, Abdulmajeed Alqhatani, Saudi Arabia

| | | |
|---|---|--------|
| DAY 2 | IHSI 2 | Venice |
| SESSION 9 | Humans and Artificial Cognitive Systems II | |
| Wednesday, Feb 26 | Session Chair(s): Curtis Cripe, United States and Pengli Zhu, China | |
| 9:00 - 10:30 (CET) | Dynamic Alarm Information Presentation Strategy under the Influence of Dynamic Elements in Smart Factory. Pengli Zhu, Linlin Wang, ChengQi Xue, China | |
| | Development of Techniques for Measuring Lower Limb Flexibility in the Elderly Bingbing Feng, Yulin Zhao, China | |
| | Real-Time Cognitive Tools for Space Systems Curtis Cripe, United States | |
| | Analysis of experimental consensus-building tasks with evaluation indices Shion Matsuoka, Kimi Ueda, Hirotake Ishii, Hiroshi Shimoda, Japan | |
| | An Action Recognition Method based on 3D Feature Fusion Yinhao Xu, Yuanyao Lu, China | |
| | Exploring the Influence of Environmental Context on Visual Attention and Spatial Perception in Virtual Reality Faezeh Salehi, Manish Dixit, United States | |
| | The effect of Hue difference in vibration environment on the cognitive performance of aircraft HUD Interface for pilots Chen Junwu, Wenyu Wu, Jiayu Guo, China | |
| | 10:30 - 11:00 • Sessions Break | |
| Wednesday, Feb 26, 2025 | | |
| 11:00 - 12:30 Technical Sessions | | |
| DAY 2 | IHSI 7 | Rome |
| SESSION 12 | Workshop: Participatory Exploration and Design of Human-Autonomy/AI Teaming | |
| 11:00 - 12:30 (CET) | Michael Preutenborbeck, Frank Flemisch, Germany | |
| DAY 2 | IHSI 5 | Milan |
| SESSION 13 | Humans and Artificial Systems Complexity II | |
| Wednesday, Feb 26 | Session Chair(s): Silja Vase, Denmark and Alessia Nicoletta Marino, Italy | |
| 11:00 - 12:30 (CET) | The Lack of Explainability in Automatic Speech Recognition Can Cause Faux Data Work Silja Vase, Denmark | |

Grasping the complexity of UX in the Long-term in Interaction with Embodied Conversational Agents
Joy Ciliani, Alessia Nicoletta Marino, Giulia Teverini, Patrizia Marti, Italy

Bridging Creativity and Technology: Integrating Generative AI into Architectural Pedagogy Through Hybrid Frameworks
Gianmarco Longo, Silvia Albano, China

Investigating Interface Layout Optimization for Enhanced Visual Search Efficiency in Industrial Manufacturing Systems
Yuchen Yuan, Xiaojun Liu, Nan Zhai, China

Ethical Implications of Virtual and Augmented Reality in Workspaces: Challenges and Opportunities to Promote Inclusion and Safety
Joshua Chong, Xinyi Tu, Matteo Zallio, United Kingdom

The prognostic significance of regulatory disturbance and the state of adaptation reserves in assessing the risk of insulin requirement formation
Irina Kurnikova, Aigerim Ualikhanova, Natalia Danilina, Shirih Gulova, Ikram Mokhammed, Russia

DAY 2

IHSI 8

Venice

SESSION 14

Applications and Future Trends: Simulation and User Experience

Wednesday,
Feb 26

Session Chair(s): Dimitrios Ziakkas, United States and Vinicius Silva, Portugal

11:00 -
12:30 (CET)

The Role of Immersive Technologies in the Design of eVTOL Simulators
Dimitrios Ziakkas, Debra Henneberry, United States

Ergonomic Evaluation Methods for Hand Exoskeleton Prototypes: A Scoping Study
Rui Ribeiro, Celina Leão, Susana Costa, Vinicius Silva, Portugal

Shaping the Future of Physical Retail: Insights into Global Consumer Experiences
Paulo Eduardo Tonin, Elton Nickel, Brazil

Decoding Pet Signals: Bridging the Gap for Accurate Diagnoses
Rafael Pinho, Brazil

Designers' Views and Opinions on User Personas in Tangible Products: Electric Scooter Personas
Ekrem Cem Alppay, Ece Cinar Balci, Turkey

The Morphological Dimension: Between Ergonomics and Aesthetics
Maria Moga, Romania

Usability Analysis of Gesture Interaction in Virtual Cycling Games Based on Flow Theory

Zhenhua Zheng, Qi Wang, Bo Yan, Houren Zhou, Ruofei Li, China

12:30 - 13:00 • Sessions Break

Wednesday, Feb 26, 2025

13:00 -14:00 Technical Sessions

DAY 2

IHSI 8

Rome

SESSION 17

Applications and Future Trends: Learning and User Experience

Wednesday,
Feb 26

Session Chair(s): Jonas Bender, Germany and Alan Liu, United States

13:00 -
14:00 (CET)

Enhancing Student Learning: The Impact of Continuous Metacognitive Monitoring Feedback in Location-Based Augmented Reality Environments

Sara Mostowfi, Jung Hyup Kim, Ching-yun Yu, Siddarth Mohanty, Fang Wang, Danielle Oprean, Kangwon Seo, United States

Analysis of Research Progress and Trends in Extended Reality Therapy Based on Bibliometrics

Qi Xiao, China

Digital Teaching to Develop Soft Skills – A User-Centered Approach

Jonas Bender, Klaus Bengler, Germany

Investigating Digital Art Exhibition Designs and Users' Experiences in Hong Kong

Man Ying Janet Lau, Hong Kong SAR China

The Wide Area Virtual Environment - A New Approach to Immersive Team Training

Alan Liu, United States

Toward Motivation-igniting Society

Shuichi Fukuda, Japan

DAY 2

IHSI 8

Milan

SESSION 18

**Applications and Future Trends:
Digital Transformation and Interaction**

Wednesday,
Feb 26

Session Chair(s): Sven Hinrichsen, Germany and Dennis Bakir, Germany

13:00 -
14:00 (CET)

Automatic Creation of Assembly Instructions by Using Retrieval Augmented Generation

Robin Herbort, Dominik Green, Sven Hinrichsen, Germany

Project Eskalator: Navigating the Innovation-Funding Maze in Small and medium-sized enterprises
Robin Bakir, Maximilian Müller, Dennis Bakir, Germany

Wide-Angle Thermal Sensing for Personalized Climate Control: An Infrared Fisheye Camera Approach in Commuter Vehicles
Philipp Román, Eva Maria Knoch, Germany

Designing Adaptive Immersive Therapeutic Spaces Using Convolutional Neural Networks for Community-Based Elderly Care
Han Zhang, Siqi Zhu, Yue Fang, China

Project Ikarus: Catalyzing Digital Transformation in SMEs through Adaptive Education and AI Integration
Robin Bakir, Maximilian Müller, Robin Bakir, Benedikt Kippschnieder, Germany

Development of Wearable Robots for Elderly Mobility Assistance
Ning Xi, China

DAY 2

IHSI 5

Venice

SESSION 20

Humans and Artificial Systems Complexity III

Wednesday,
Feb 26

Session Chair(s): Dorothea Schneider, Germany and Carolin Böhme, Germany

13:00 -
14:00 (CET)

Advancing HCD through Interdisciplinary Approaches: Insights for enhancing User-Centric Innovation
Carolin Böhme, Dorothea Schneider, Mauritz Mälzer, Martin Schmauder, Steffen Ihlenfeldt, Germany

Enhancing Technology Acceptance in Socio-Technical Systems: A Human-Centered Approach to AI Implementation
Carolin Böhme, Claudia Graf-Pfohl, Germany

The role of Artificial Cognitive Systems in the Implementation of the Aviation Fatigue Risk Management Systems
Debra Henneberry, Dimitrios Ziakkas, United States

Evaluating the Effectiveness of Different Directional Signage Systems in Indoor Wayfinding: A Human-Centered Experiment Conducted in Virtual Reality
Yao Shi, Xiaozhou Zhou, China

Characterization of motion and warning light signals for flying robots
Zhuoran Ma, Ruihong Ma, Xiaozhou Zhou, China

Poster Demonstration Session

Tuesday & Wednesday, Feb 25-26, 2025

10:00 -14:00 Technical Sessions

- A-1** Underwater Fish length detection Using the AI-Based Depth Estimation
Ji Yeon Kim, Ki Hwan Kim, Young Jin Kang, Seok Chan Jeong, South Korea
- A-2** The impact of Application icon design aesthetics on user downloads
Yifang Wang, China
- A-3** Automating customer feedback in online marketplaces with retrieval augmented generation
Gleb Shalimov, Mikhail Kuskov, Nursultan Askarbekuly, Russia
- A-4** Observatory of Social and Solidarity Economy, NODESS, SDGs, and Research Networks
Rodolfo Martinez, Diana Rubí Oropeza-tosca, Gaudencio Lucas Bravo, Sonia Moreno Cabral, Carmen Esther Carey Raygoza, Mexico
- A-5** Professional Competencies of Civil Engineers through the QHS-Six Sigma Methodology
Jose Manuel Alonso Reyes, Arturo Licona Martinez, Rodolfo Martinez, Mexico
- A-6** QHS Methodology for Mathematics Teaching in Engineering
Rodolfo Martinez, Sonia Moreno Cabral, Sergio Ivan Nava Dominguez, Veronica Quintero Rosas, Janneth Sarai Villegas Quiñonez, Mexico
- A-7** Redundant Brake Light Signals to Reduce Reaction Times in a Simulated Car Following Task
Dongyuan Wang, Vanessa Miller, Ashley Wilborn, Erin Flowe, United States
- A-8** Relationship between Attitudes toward Tourism Interaction and Motivations for Migration
Akiko Kondo, Satoshi Togawa, Japan
- A-9** Designing a Student Tutoring Assistance Framework using Generative AI Technology for Teachers
Satoshi Togawa, Akiko Kondo, Japan
- A-10** Analyzing Consumer Perception and Acceptance of AI in Fashion Industry Using Large Language Models
Haoze Zhou, China





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**AHFE International Conference on
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December 2025

Honolulu, Hawaii, USA

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Call for Papers

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