



iiWAS 2025



MoMM 2025

The 27th International Conference on Information Integration
& Web Intelligence (**iiWAS2025**)

The 23rd International Conference on Advances in Mobile Computing
& Multimedia Intelligence (**MoMM2025**)

8 - 10 December 2025 in Matsue, Japan



Partners





The 27th International Conference on Information
Integration and Web Intelligence
(iiWAS2025)

and

The 23rd International Conference on Advances
in Mobile Computing & Multimedia Intelligence
(MoMM2025)

8 – 10 December 2025
Matsue - Japan



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Welcome Message



Gabriele Kotsis

"Welcome to iiWAS and MoMM 2025 Conferences"

We are delighted to welcome you to this year's iiWAS and MoMM conferences! It's incredible to think that iiWAS first began 27 years ago, born from a vision to create a truly international platform dedicated to exploring the dynamic world of information integration and web-based applications. Just four years later, in 2003, MoMM joined the stage broadening our horizons to embrace the transformative power of mobile multimedia in shaping these technologies.



Toshiyuki Amagasa

Today, iiWAS and MoMM stand as leading forums for innovation, bringing together researchers, practitioners, and visionaries from around the globe. These conferences have become vibrant hubs of exchange, where new ideas are shared, groundbreaking research is unveiled, and the latest trends in web and mobile technologies are explored. Together, we continue to inspire collaboration, ignite creativity, and strengthen a community that is shaping the digital future.



Akiyo Nadamoto

As organizers, we are humbled and proud to reflect on this remarkable journey. What began as a small academic meeting in Indonesia has grown into a truly global event welcoming more than 3,000 participants over the years, featuring world-renowned speakers, and hosting distinguished guests from across continents. The enduring success of iiWAS and MoMM is a testament to the collective efforts and passion of our partners and collaborators, including scholars from the Web Applications Society (@WAS), Johannes Kepler University Linz, University of Tsukuba, Konan University, the Database Society of Japan, Monash University, La Trobe University, Kyoto Institute of Technology, Okayama University, Senshu University, Institut Teknologi Indonesia, Tallinn University of Technology, Shimane University, Nagoya University, Kobe University and Shizuoka University.

We are deeply grateful for your continued commitment and support.



Ismail Khalil

This year's edition offers three distinctive experiences designed to inspire, connect, and motivate:

- A Learning Experience:

With 55 presentations across 17 sessions and two inspiring keynote talks, the 2025 program promises to challenge your thinking and expand your perspective.

- A Networking Experience:

Meet and collaborate with scholars and professionals from 20 countries and more than 50 universities and research institutions. The diversity of our participants fuels creativity and fosters lasting collaborations.

- A Motivational Experience:

Emerging researchers will find inspiration in the latest discoveries, while our social events, including the Welcome Reception and Conference Dinner, offer opportunities to connect, unwind, and celebrate together.



Pari Delir Haghighi

We extend our heartfelt appreciation to our program committee chairs and members for their dedication in reviewing submissions and curating an engaging and high-quality program. We are honored to welcome our keynote speakers, Prof. Ichiro Ide (Nagoya University, Japan) and Prof. Takako Hashimoto (Chiba University of Commerce, Japan), whose insights will undoubtedly enrich this year's discussions.



Eric Pardede

Finally, to the organizing committee in Japan, thank you for your unwavering enthusiasm and meticulous work. Your dedication ensures that iiWAS and MoMM 2025 will be a memorable and rewarding experience for all participants. Every detail, from logistics to hospitality, has been thoughtfully prepared to create the warm and collegial atmosphere that makes these conferences feel like a true homecoming.



Qiang Ma

Welcome to Matsue and thank you for being part of iiWAS and MoMM 2025. We wish you an inspiring, enjoyable, and unforgettable conference experience!

December 2025
The iiWAS2025 & MoMM2025 Committee



The Organisation

General Conference Chairs:

- Gabriele Kotsis, Johannes Kepler University Linz, Austria
- Akiyo Nadamoto, Konan University, Japan
- Toshiyuki Amagasa, University of Tsukuba, Japan

Steering Committee Chairs:

- Ismail Khalil, Johannes Kepler University Linz, Austria
- Syopiansyah Jaya Putra, Institut Teknologi Indonesia
- Dirk Draheim, Tallinn University of Technology, Estonia

Program Committee Chairs:

- Pari Delir Haghighi, Monash University, Australia – MoMM2025
- Eric Pardede, La Trobe University, Australia – iiWAS2025
- Qiang Ma, Kyoto Institute of Technology, Japan – iiWAS2025

Publicity Chairs:

- Yusuke Gotoh, Okayama University, Japan
- Naoko Kosugi, Senshu University, Japan

Organization Chairs:

- Akimitsu Kanzaki, Shimane University, Japan
- Takahiro Komamizu, Nagoya University, Japan
- Yoshiyuki Shoji, Shizuoka University, Japan

@WAS Organizing Committee:

- Hesti Sudjana, @WAS Organization/Johannes Kepler University Linz, Austria
- Paul Wiesinger, Johannes Kepler University Linz, Austria
- Heriansyah, Johannes Kepler University Linz, Austria

Supporting Organisations:

- Web Applications Society (@WAS)
- Johannes Kepler University Linz
- University of Tsukuba
- Konan University
- The Database Society of Japan
- Monash University
- La Trobe University
- Kyoto Institute of Technology
- Okayama University
- Senshu University
- Institut Teknologi Indonesia
- Tallinn University of Technology
- Shimane University
- Nagoya University
- Kobe University
- Shizuoka University
- Konan Digital Twin Research Center



Keynote Speakers

Keynote Talk 1

Monday, 8 December 2025 – 09:15 – 10:00



Quantifying visual impressions of words based on real-world data analysis

Ichiro Ide, Nagoya University, Japan

Abstract

Attempts to quantify impressions of linguistic information have been made in both Psycholinguistics and Computer Science fields. In Psycholinguistics, various metrics have been proposed to quantify word impressions, and corresponding dictionaries were created based on large-scale subjective evaluations. In contrast, recently, in Computer Science, attempts are made to estimate the Psycholinguistic metrics using real-world data without conducting large-scale subjective evaluations. This talk will introduce our work specifically aimed at quantifying visual impressions of words from real-world data ranging from Web images to Large Language Model (LLM) and Large Vision-Language Model (LVLM).

Short Bio

Ichiro Ide received the B.Eng., M.Eng., and Ph.D. degrees from The University of Tokyo, in 1994, 1996, and 2000, respectively. He became an Assistant Professor with the National Institute of Informatics (NII), Japan, in 2000, and an Associate Professor with Nagoya University, Japan, in 2004, where he has been a Professor, since 2020. He was a Visiting Associate Professor with the NII from 2004 to 2010, an Invited Professor with Institut de Recherche en Informatique et Systemes Aleatoires (IRISA), France, in 2005, 2006, and 2007, and a Senior Visiting Researcher with ISLA, Instituut voor Informatica, Universiteit van Amsterdam, The Netherlands, from 2010 to 2011. His research interests include the analysis and indexing to authoring and generation of multimedia content, especially in large-scale broadcast video archives and social media, mostly on news, cooking, and sports content. He is a Senior Member of IEEE, IEICE and IPS Japan and a member of ACM, JSAI, and ITE.

Keynote Talk 2

Tuesday, 9 December 2025 – 09:15 – 10:00



The Future Opened by Survival Informatics: Data Connecting Human and Social Well-being

*Takako Hashimoto, Professor at Chiba University of Commerce
Research Fellow at University of Tokyo*

Abstract

Survival Informatics is an emerging interdisciplinary approach, currently being discussed within the Science Council of Japan, that explores how data-driven methods can contribute to sustaining human life and enhancing social well-being in an increasingly complex world. By combining perspectives from information science, artificial intelligence, and the social sciences, Survival Informatics aims to establish reliable ways of understanding and addressing global challenges such as disasters, health crises, climate change, and social inequalities. This talk highlights the role of data as a bridge that connects individuals, communities, and institutions, enabling evidence-based decision-making and fostering resilience in both physical and cyber spaces. Through case studies and recent research, we



Keynote Speakers

demonstrate how Survival Informatics not only advances scientific insight but also provides practical solutions that enhance human and societal well-being.

Short Bio

Takako Hashimoto graduated from Ochanomizu University in Japan, and received a Ph.D. in computer science, specialization in multimedia information processing, from the Graduate School of Systems and Information Engineering of University of Tsukuba in 2005. She worked at the software R&D center of Ricoh Co. Ltd., in Japan, for 24 years, and participated in the development of many software products as a technical leader. From April of 2009, she joined Chiba University of Commerce. In 2015, she stayed at University of California, Los Angeles as a visiting researcher. She is currently serving as Director, Deputy to the President, Dean of Faculty of Commerce and Business Administration. She has focused on data mining research and social media analysis, especially topic extraction from millions of tweets related to disasters and topical problems like COVID-19. She is serving as Associate Member of the Science Council of Japan, and Chair of the National Council for Research and Development Committee, Ministry of Internal Affairs and Communications. She served as a Board Member of the Database Society of Japan, Chair of IEEE Japan Council (2021-22), and BoG of IEEE Computer Society (2021-23) and has served as the Past Chair of IEEE Women in Engineering (2015-16). She is now IEEE R10 Director (2025-26). In 2019, she received the IEEE 2019 MGA Larry K. Wilson Transnational Award, and Fellow of the Information Processing Society of Japan.



Conferences Program Schedule

DAY 1, Monday, 8 Dec 2025

Time	Track 1	Track 2	Track 3
08:30 – 09:00	Registration		
09:00 – 10:00	<ul style="list-style-type: none"> • Opening <p>Opening speech and conference introduction General Conference Chairs and PC Chair</p> <ul style="list-style-type: none"> • Keynote Talk 1 <p>“Quantifying visual impressions of words based on real-world data analysis” Ichiro Ide, Nagoya University, Japan</p>		
10:00– 10:30	Coffee break		
10:30 – 12:00	MoMM – 1 Mobile Multimedia Processing and Interaction	iiWAS – 1 Natural Language Processing	iiWAS – 2 Applications of LLMs
12:00 – 13:00	Lunch break		
13:00 – 15:00	MoMM – 2 Authentication and Security in Mobile Systems	iiWAS – 3 <ul style="list-style-type: none"> • Applications of Generative AI • Content Generation and Creative AI 	iiWAS – 4 <ul style="list-style-type: none"> • Machine Learning and Its Applications • EduTech
15:00 – 15:30	Coffee break		
15:30 – 17:30	MoMM – 3 Wearable and Sensor-Based Systems for Human Performance	iiWAS – 5 <ul style="list-style-type: none"> • Content Generation and Creative AI • Text Mining 	iiWAS – 6 <ul style="list-style-type: none"> • EduTech • Knowledge Representation and Semantic Web
18:00 – 19:30	<p>Welcome Reception</p> <p>The Multipurpose Hall on the 1st Fl., Kunibiki Messe (Shimane Prefectural Convention Center). Matsue</p>		

DAY 2, Tuesday, 9 Dec 2025

Time	Track 1	Track 2	Track 3
08:30 – 09:00	Registration		
09:15 – 10:00	<ul style="list-style-type: none"> • Keynote Talk 2 <p>The Future Opened by Survival Informatics: Data Connecting Human and Social Well-being Takako Hashimoto, Chiba University of Commerce and University of Tokyo, Japan</p>		
10:00 – 10:30	Coffee break		
10:30 – 12:00	MoMM – 4 Virtual and Augmented Reality for Cognitive and Task Support	iiWAS – 7 <ul style="list-style-type: none"> • Human-Computer Interaction and Statistical Methods • Applications of Generative AI 	iiWAS – 8 Privacy, Security, and Legal Compliance
12:00 – 13:00	Lunch break		
13:00 – 14:30	MoMM – 5 Participatory and Applied Computing in Real-World Contexts	iiWAS – 9 IoT, E-commerce, and Digital Innovation	iiWAS – 10 Information Retrieval
14:30 – 15:00	Coffee break		
16:00	Gather at the conference venue and depart to the dinner (bus provided)		
18:00 – 21:00	<p>Conference Dinner, Cultural Performance and Best Paper Awards</p> <p>Yuushien Garden, Shimane</p>		



Conferences Program Schedule

DAY 3, Wednesday, 10 Dec 2025

Time	
09:00 – 10:00	Registration & check in
10:00	Departure to Izumo, Shimane (bus provided)
11:00 – 12:30	iiWAS/MoMM 2025 Confab, group discussion and Closing
12:30 – 13:30	Lunch
13:30	Transportation to the conference venue

Conferences Venue and Room Allocations:

The conference is located at Kunibiki Messe (Shimane Prefectural Convention Center)

Address: 1-2-1 Gakuenminami, Matsue, Shimane 690-0826, Japan

Website: <https://www.kunibikimesse.jp/en/>



Registration desk: Foyer of International Conference Hall – 3rd Fl.

Plenary Session: International Conference Hall – 3rd Fl.

Track 1: International Conference Hall – 3rd Fl.

Track 2: Large Conference Room 601, 6th. fl.

Track 3: Large Conference Room 501, 5th. fl.

Coffee break & Lunch: Foyer of International Conference Hall – 3rd Fl.

Welcome Reception: The Multipurpose Hall on the 1st Fl.



Program Details

DAY 1: Monday, 8 December 2025

08:30 - 09:00	Registration	Foyer of International Conference Hall – 3rd Fl.
09:00 - 10:00	Opening Session Welcome Speech <ul style="list-style-type: none"> Gabriele Kotsis, Toshiyuki Amagasa & Akiyo Nadamoto (Conference General Chairs) Scientific Program report <ul style="list-style-type: none"> Qiang Ma (Program Committee Chair) Keynote Talk 1: “Quantifying visual impressions of words based on real-world data analysis” <ul style="list-style-type: none"> Ichiro Ide, Nagoya University, Japan Session chair: Toshiyuki Amagasa	International Conference Hall – 3rd Fl.
10:00 - 10:30	Coffee break	Foyer of International Conference Hall – 3rd Fl.
10:30 - 12:00	Parallel Session	
	Track 1: MoMM - 1 Mobile Multimedia Processing and Interaction Session chair: Andreas Pramendorfer <ul style="list-style-type: none"> Diffusion-TS: A Hybrid Model for Human Skeleton Prediction Yuren Zhang, Atsuya Watanabe, Zhongnan Pu, Lei Jing Japan LightVideoRAG: Low-Resource Long Video Question-Answering via Adaptive Sampling and Context-Aware Retrieval Zifeng Shi, Mizuho Iwaihara Japan Exploring the Design of Context-Aware Widget Recommender System in Mixed Reality Yiming Sun, Yang Zhan, Tatsuo Nakajima Japan 	International Conference Hall – 3rd Fl.
	Track 2: iiWAS - 1 Natural Language Processing Session chair: Naoko Kosugi <ul style="list-style-type: none"> Learning Disentangled Document Representations Based on a Classical Shallow Neural Encoder Yuro Kanada, Sumio Fujita, Yoshiyuki Shoji Japan Generating Interactive Japanese Puns Based on Phoneme Similarity Yilin Wang, Takehiro Yamamoto, Hiroaki Ohshima Japan Japanese Rhyme Generation Based on Mora Similarity and Generation Probability Ryota Mibayashi, Takehiro Yamamoto, Hiroaki Ohshima Japan 	Large Conference Room 601, 6th. fl.
	Track 3: iiWAS - 2 Applications of LLMs Session chair: Shuhei Yamamoto <ul style="list-style-type: none"> Enhancing Algorithms with LLMs: A Case Study Yashar Talebirad, Osmar Zaiane, Amirhossein Nadiri, Christine Largeron Canada 	Large Conference Room 501, 5th. fl.



Program Details

- 10:30 - 12:00
- **Automated Instruction Generation via Alternating Evaluation and Creation with LLMs**
Ryo Tanaka, Yu Suzuki
Japan
 - **Two-Stage Fine-Tuning for Dialogue Generation with Small Community Prominent Leaders' Philosophies**
Tetsuya Kitahata, Kazuhiro Seki, Akiyo Nadamoto
Japan

12:00 - 13:00 **Lunch**

Foyer of International Conference Hall – 3rd Fl.

13:00 - 15:00 **Parallel Session**

Track 1: MoMM - 2

International Conference Hall – 3rd Fl.

Authentication and Security in Mobile Systems

Session chair: Lei Jing

- **User-to-PC Authentication Through Confirmation on Mobile Devices: On Usability and Performance**
Andreas Pramendorfer, Rainhard Dieter Findling
Austria
- **Anti-ESIA: Analyzing and Mitigating Impacts of Electromagnetic Signal Injection Attacks on Image Sensing**
Denglin Kang, Youqian Zhang, Wai Cheong Tam, Xiapu Luo, Eugene Yujun Fu
USA, China
- **Dependency-Based Evolution Planning of a Multi-Version Microservice RAN Application**
Emma Witt, Simin Nadjm-Tehrani
Sweden
- **Silent Speech Recognition Using Ear Canal Pressure Changes**
Yasufumi Hoji, Hiroki Watanabe, Yoshinari Takegawa
Japan

Track 2: iiWAS - 3

Large Conference Room 601, 6th. fl.

- Applications of Generative AI
- Content Generation and Creative AI

Session chair: Takahiro Komamizu

- **Can Stable Diffusion Recommend Outfits?: Outfit Recommendation from Fashion Item Images via Generative AI**
Yuma Oe, Yoshiyuki Shoji
Japan
- **Effects of Image Samples on In-Context Learning of Multimodal Large Language Models**
Tomoya Ikeda, Shuhei Yamamoto
Japan
- **Measuring Shape Unexpectedness of Exhibits based on Similarity and Outlier Detection**
Maho Kinoshita, Wakana Kuwata, Hiroaki Ohshima
Japan
- **Automatic Facial Mist Application Skincare Based on Skin Condition Analysis**
Natsumi Matsui, Ayumi Ohnishi, Ayaka Uyama, Teizo Sugino, Tsutomu Terada, Masahiko Tsukamoto
Japan



Program Details

13:00 – 15:00	Track 3: iiWAS - 4	Large Conference Room 501, 5th. fl.
	<ul style="list-style-type: none"> - Machine Learning and Its Applications - EduTech <p>Session chair: Kai Cheng</p> <ul style="list-style-type: none"> • Addressing Label Scarcity: Hybrid Anomaly Detection in Mental Healthcare Billing Samirah Bakker, Yao Ma, Seyed Sahand Mohammadi Ziabari Netherlands • BATT2GRAPH: A Hybrid CNN–LSTM and Temporal Graph-Based Approach for Lithium-Ion Battery SOH Prediction and Anomaly Detection Hajer Akid, Mohamed Wadhah Mabrouk, Slimane Arbaoui, Ahmed Samet, Boudour Ammar France • CoRA: Continual Learning for Multimodal Sensing with a Case Study in Mental Health Tarannum Ara, Bivas Mitra India • Exploring the Efficacy of Learning Analytics Dashboards for Metacognitive Activity Support in Self-Learning Koki Saitoh, Chiemi Watanabe, Kouhei Kikuchi Japan • UPPSALA - Universal Pictographic Pictorial Sentence Annotation for Language Acquisition Werner Winiwarter Austria 	
15:00 - 15:30	Coffee break	Foyer of International Conference Hall – 3rd Fl.
15:30 - 17:30	Parallel Session	
	Track 1: MoMM - 3	International Conference Hall – 3rd Fl.
	<p>Wearable and Sensor-Based Systems for Human Performance</p> <p>Session chair: Emma Witt</p> <ul style="list-style-type: none"> • System to Support Acquiring Midfoot Strike Running through Intermittent Feedback of Foot Pressure Balance Ryo Nakamura, Ayumi Ohnishi, Tsutomu Terada, Masahiko Tsukamoto Japan • Ear Canal Pressure-Based Oral Gesture Recognition for Saxophone Performance Ayana Hamagawa, Hiroki Watanabe, Hiroya Miura, Yoshinari Takegawa Japan • Step-based Sensor Data Segmentation using Foot Pressure Sensors Yue Zhang, Ayumi Ohnishi, Tsutomu Terada, Masahiko Tsukamoto Japan 	
	Track 2: iiWAS - 5	Large Conference Room 601, 6th. fl.
	<ul style="list-style-type: none"> - Content Generation and Creative AI - Text Mining <p>Session chair: Kazuhiro Seki</p> <ul style="list-style-type: none"> • Generating Distinctive Recipe Names via Relative Feature Comparison in Recipe Set Maoto Watanabe, Yoshiyuki Shoji Japan • Supplementing Product Reviews: Retrieving Opinions from Products with Similar Attributes Marino Fujii, Takehiro Yamamoto, Takayuki Yumoto Japan • Generating Comparative Table by LLM-based Product Review Summarization Kanao Nakai, Takehiro Yamamoto, Hiroaki Ohshima Japan 	



Program Details

- 15:30 - 17:30 • **Expanding Aspect Queries into Review Sentence Fragments for Product Comparison via LLM-Generated Synthetic Reviews**
Naito Yoshihara, Takehiro Yamamoto, Yoshiyuki Shoji
 Japan

15:30 - 17:30 Track 3: iiWAS - 6 Large Conference Room 501, 5th. fl.

- EduTech
- Knowledge Representation and Semantic Web

Session chair: Jun Miyazaki

- **Experiences Before On-the-Job Training of University Graduates Employed in the IT sector in the Slovak Republic**
Vincent Karovič, Marek Hlásny
 Slovakia
- **CACIKI - Compositionally Analyzed Collection of Illustrated Kanji Information**
Werner Winiwarter
 Austria
- **Integration of Knowledge Bases and External Sources Incorporating Uncertainty in Entity Linking**
Yuuki Ohmori, Hiroyuki Kitagawa, Toshiyuki Amagasa, Akiyoshi Matono
 Japan
- **Data Specification Vocabulary (DSV): Representation of Application Profiles of Semantic Data Specifications**
Jakub Klímek, Štěpán Stenclák, Petr Škoda
 Czech Republic

- 18:00 - 19:30 **Welcome Reception**
 at The Multipurpose Hall on the 1st Fl., Kunibiki Messe (Shimane Prefectural Convention Center), Matsue

DAY 2: Tuesday, 9 December 2025

- 08.30 - 09.00 **Registration** Foyer of International Conference Hall – 3rd Fl.

- 09.15 - 10.00 **Plenary session** International Conference Hall – 3rd Fl.
Keynote Talk II
The Future Opened by Survival Informatics: Data Connecting Human and Social Well-being
 • **Takako Hashimoto**, *Chiba University of Commerce and University of Tokyo, Japan*

Session chair: Akiyo Nadamoto

- 10.00 - 10.30 **Coffee Break** Foyer of International Conference Hall – 3rd Fl.

10.30 - 12.00 Parallel Session Track 1: MoMM - 4 International Conference Hall – 3rd Fl.

Virtual and Augmented Reality for Cognitive and Task Support

Session chair: Devi Karolita

- **Napping in the Virtual World: Exploring the Effects of VR Audiovisual Relaxation on Napping**
Masahiro Kawai, Tatsuo Nakajima
 Japan
- **A Method for Reducing Cognitive Load by Virtually Relocating the Visual Position of Distracting Sound Sources Away from the Task Direction**
Kyosuke Yamamoto, Kyosuke Futami, Kazuya Murao
 Japan
- **AR Superimposed Display System with Video Synchronization**
Yusuke Gotoh, Yuichiro Ikeda
 Japan



Program Details

10:30 - 12:00 **Track 2: iiWAS - 7** Large Conference Room 601, 6th. fl.

- Human-Computer Interaction and Statistical Methods

- Applications of Generative AI

Session chair: Mizuho Iwaihara

• **Investigating the Impact of Defocus on Font Visibility in Transparent Displays**

Masakatsu Ezumi, Ayumi Ohnishi, Tsutomu Terada, Masahiko Tsukamoto
Japan

• **On the Relationship between Crude, Adjusted, Confounder and Latent Coefficients in Linear Regression**

Sijo Arakkal Peious, Ahto Buldas, Dirk Draheim
Estonia

• **AI-Driven Web Game Development with Gemini 2.5 Pro**

Elena Popp, Helmut Hlavacs, Werner Winiwarter
Austria

Track 3: iiWAS – 8

Large Conference Room 501, 5th. fl.

Privacy, Security, and Legal Compliance

Session chair: Chiemi Watanabe

• **Privacy Patterns and Objectives for Legally Compliant Software based on the Indonesia's PDP Law**

Guntur Budi Herwanto, Arif Nurwidyantoro, Annisa Maulida Ningtyas, Muhammad Oriza Nurfajri,
Gerald Quirchmayr, A Min Tjoa
Indonesia, Austria

• **RAG-Driven Financial QA: Preserving Privacy and Enhancing Performance with Synthetic Data**

Niorn Suchonwanich, Siranee Nuchitprasitchai, Kanchana Viriyapant, Sucha Smanchat
Thailand

• **ML-Assisted Semi-Automated Analysis of Audio/Video Meeting Recordings**

Farhan Ali Khoso, Gabriele Kotsis
Italy, Austria

12:00 - 13:00 **Lunch**

Foyer of International Conference Hall – 3rd Fl.

13:00 - 14:30 **Parallel Session**

Track 1: MoMM – 5

International Conference Hall – 3rd Fl.

Participatory and Applied Computing in Real-World Contexts

Session chair: Kyosuke Futami

• **Grounded in the Fields: Participatory Foundations for Human-Centered Agricultural Software in Central Borneo**

Devi Karolita, Ariesta Lestari, Misita Anwar, Betrixia Barbara, Fengky Florante Adji, Ferry Saputra,
Rafael Aryapati Soebagijo
Indonesia, Australia

• **Human-in-the-Loop Generative AI for Explainable Insurance Decision Support**

Arianna Anniciello, Simona Fioretto, Elio Masciari, Enea Vincenzo Napolitano
Italy

• **Lyric-Aware DJ Track Recommendation based on Semantic Relationships**

Wakana Kuwata, Hiroaki Ohshima
Japan



Program Details

13:00 - 14:30 **Track 2: iiWAS - 9** Large Conference Room 601, 6th. fl.

IoT, E-commerce, and Digital Innovation

Session chair: Jakub Klímek

- **From Connectivity to Value: Mapping Slovak IoT Business Archetypes against EU Adoption Benchmarks**

Matúš Kovár, Rastislav Kulhánek
Slovakia

- **Integrating Digital Product Passports in E-commerce: An Architectural Framework for Sustainability and AI-Driven Value**

Martin Tamm, Dirk Draheim, Tanel Tammet, Ingrid Pappel
Estonia

- **The Impact of Incremental eService Changes on Customer Experience: A Conceptual Review**

Bela Philip Kramer, Gabriele Kotsis, Christine Strauss, Andreas Mladenow
Austria

Track 3: iiWAS - 10

Large Conference Room 501, 5th. fl.

Information Retrieval

Session chair: Yoshiyuki Shoji

- **Peak Pattern Based Similarity Search for High-Dimensional Spectral Data**

Kohei Asano, Yuki Toyosaka, Kai Cheng
Japan

- **Fast Approximate Aggregation with Error Guarantee Using Encoded Bit-slice Indexing**

Takeru Ito, Ryogo Maeda, Qiong Chang, Jun Miyazaki
Japan

- **Retrieving More Concrete Product Reviews by Query Rewriting with Retrieved Review Concretization**

Tomoya Fukui, Takehiro Yamamoto, Takayuki Yumoto
Japan

14:30 - 15:00 **Coffee Break**

Foyer of International Conference Hall - 3rd Fl.

===== FREE TIME =====

16.00 **Gather at the conference venue and depart to the dinner (bus provided)**

19:00 - 21:00 **Conference Dinner, Cultural Performance and Best Paper Awards**

Yuushien Garden, Shimane

1260-2 Yatsukacho Hanyu, Matsue, Shimane 690-1404, Japan

Note: please bring the invitation card for admission. One invitation valid for one person

DAY 3: Wednesday, 10 December 2025

09:00 - 10:00 **Registration & check in** Lobby International Conference Hall

10:00 **Departure to Izumo, Shimane (bus provided)**

11:00 - 12:30 **iiWAS/MoMM 2025 Confab, group discussion and Closing**

12:30 - 13:30 **Lunch**

13:30 **Transportation to the conference venue (bus provided)**

This program is subject to change. Please check final program, new up-date and any announcement onsite.



Social Events

Welcome Reception

Monday, 8 December 2025, 18:00 – 19:30 pm

The Multipurpose Hall, the 1st Fl., Kunibiki Messe (Shimane Prefectural Convention Center)



Following the final session of the first day, all participants are warmly invited to the welcome reception at the Multipurpose Hall on the 1st floor. It's the perfect opportunity to unwind, enjoy the evening, and connect with fellow attendees while savoring light snacks and drinks, including Japanese sake. Kanpai!

Conference Dinner

Tuesday, 9 December 2025, 18:00 – 21:00, at Yuushien Garden, Shimane

Address: 1260-2 Yatsukacho Hanyu, Matsue, Shimane 690-1404, Japan



On the second day, all participants are invited to attend the Conference Dinner at Yuushien Garden—a traditional Japanese-style garden located in the heart of Daikonshima Island. Designed as a walk-through garden featuring ponds, streams, and small waterfalls, Yuushien offers a serene and picturesque setting. Before dinner begins, guests can enjoy the garden's winter highlights: its renowned peonies and irises that bloom year-round, along with the enchanting atmosphere created by illuminated trees. The evening will be further enriched by a cultural performance and the presentation of best paper awards.

Bus to Yuushien Garden is provided. Depart from conference venue to the dinner on 16:00.

Please don't forget to bring the invitation card for admission. One invitation valid for one person



Social Events

iiWAS-MoMM 2025 Confab

Wednesday, 10 December 2025, 10:00 – 14:00,
Izumo, Shimane



This year, we are delighted to host the iiWAS/MoMM 2025 Confab on the third day of the conference, just before the closing sessions. During the Confab, participants will have the opportunity to engage in small-group discussions, exploring the latest cutting-edge developments in the topics covered throughout the conference. This event will bring together an international group of esteemed researchers and developers attending iiWAS and MoMM.

The Confab will take place during a site visit to the iconic Izumo Grand Shrine, with lunch and transportation provided. Buses will depart for Izumo at 10:00 AM from the conference venue. Please be sure to arrive at the venue at least 30 minutes before the departure time.



General Information



Registration Desk

The Registration Desk is located at Foyer of International Conference Hall – 3rd Fl.



Smoking Policy

Smoking only permitted in the restricted area and outside the building. No smoking inside the buildings.



Mobile Phone Courtesy

All mobile phones and other equipment with audible alarms should be turned off in all sessions as a courtesy to the presenters and to the other attendees.



Presentation Equipment

The conference organizer will provide a standard presentation equipments. The projector can only be connected via HDMI. All presenters are recommended to bring their personal laptop for presentation including any adaptors required for the laptop, otherwise please inform the organizer earlier before presentation schedule.



WLAN Access

Free WiFi is available in the entire meeting rooms, please contact registration desk for WiFi connection.



Electricity Supply

Electricity in Japan is supplied at 110V. Please make sure to bring your own travel adapter if needed. We cannot guarantee the availability of the appropriate adaptor or transformer.

