

The 2nd ACIS International Symposium on Emotional Artificial Intelligence & Metaverse (EAIM)



December 14-16, 2023
University of Social Science and Humanities - Vietnam National University
Ho Chi Minh City, Viet Nam

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Humanities

Program at a Glance
Thursday, December 14, 2023

Time	12/14	
	Event	Location
18:00 ~ 20:00	Welcome Reception Dinner Banquet (BCD & EAIM)	ELISA FLOATING RESTAURANT*

* **ELISA FLOATING RESTAURANT :**
 No 5, Nguyen Tat Thanh Street, Ward 13, District 4, Ho Chi Minh City

Program at a Glance
Friday, December 15, 2023

Time	12/15	
	Event	Location
09:00 ~ 17:00	Registration	USSH** D Building 1 st Floor Lobby
09:00 ~ 10:15	EAIM Session 1	USSH D-301(P)
10:30 ~ 12:00	Opening Ceremony(BCD & EAIM) BCD Keynote 1 EAIM Keynote 1, EAIM Keynote 2	USSH D Building 1st Floor (Van Khoa Hall)
12:00 ~ 13:00	Lunch	
13:00 ~ 14:15	EAIM Session 2 EAIM Session 3	USSH D-201 USSH D-301(P)
14:15 ~ 14:30	Break	
14:30 ~ 15:45	EAIM Session 4 EAIM Session 5	USSH D-201 USSH D-301(P)
15:45 ~ 16:00	Break	
16:00 ~ 17:15	EAIM Session 6	USSH D-301(P)

** **USSH (The University of Social Sciences and Humanities-VNUHCM):**
 10-12 Dinh Tien Hoang Street, Ben Nghe Ward, District 1, Ho Chi Minh City, Viet Nam.

Program at a Glance
Saturday, December 16, 2023

Time	12/15	
	Event	Location
09:00 ~ 11:00	Registration	USSH** D Building 1 st Floor Lobby
09:30 ~ 11:00	EAIM Session 7 EAIM Session 8	USSHD-301(P) USSHD-307(P)
11:00 ~ 12:00	Closing Ceremony	USSHD Building 1st Floor (Van Khoa Hall)

Keynote 1

Information consistency assessment and the applicability of AI

Motoi Iwashita
Professor of Social Systems Science
Chiba Institute of Technology, Japan
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Abstract

In today's digital society, there are concerns about how reliable the information transmitted is. Therefore, there is an urgent need to improve the environment under the zero-trust situation. In particular, with the emergence of generative AI such as ChatGPT, the issues of information authenticity and copyright has become more and more complicated. Government-led research and development of the Trusted Web and distributed IDs is being considered. And it is necessary for users to evaluate the consistency of information from various aspects, such as whether there is any contradiction in the information transmitted by a specific individual or organization. In this talk, I will introduce ideas for evaluating the consistency of information disseminated and determining whether the information is reliable taking examples through our latest research. Furthermore, we discuss the possibility of primary evaluation of whether consistency is maintained by using AI technology.

Biography

Motoi Iwashita is currently a Professor in Department of Management Information Science, Chiba Institute of Technology, Japan. He received the B.S. and M.S. in Mathematics and Dr. Eng. degrees in Electrical Engineering from Waseda University, Japan, in 1983, 1985 and 1999, respectively. In 1985, he joined NTT Corporation Electrical Communications Laboratories. Since 1985, he has engaged in research on modeling and evaluation of optical access networks. Since 2003 to 2010, he was researching multi-service information and communication network design as a head of group in NTT Laboratories. In 2010, he was an associate professor at Chiba Institute of Technology. From 2013-present, he was a full professor of data mining, system methodology and management of information systems. He successfully managed issues of CIT as a head of department, deans of faculty and graduate school for 8 years. He has published books, more than 100 journal papers and conference proceedings of IEEE, IEICE, IPSJ, ACIS, KES, IARIA, and so on. He is a senior member of IEEE, a member of IEICE of Japan, ORSJ, JSAI

Keynote 2

Future Directions and Challenges of Software Understanding and Visualization

Takaaki Goto, Ph. D.
Toyo University, Japan
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Abstract

In software development, the shortening of development time and the increase in the scale of development have been seen as problems to date. On the other hand, the idea of open source has spread, and a growing number of open-source software, and some mechanisms have been implemented to share the source code of such software. However, it is still difficult to find what you are looking for from a large amount of publicly available source code, understand the source code, and incorporate it into your own software.

Program diagrams are common in understanding source code, and Flowchart and UML are often used in current development. With the recent development of artificial intelligence technology, it is expected that artificial intelligence will be applied to software understanding and source code understanding to support developers with higher accuracy.

In this talk, I will present challenges and future software understanding and visualization trends, including the point of view on artificial intelligence and big data

Biography

Dr. Takaaki Goto has been an Associate Professor of the Faculty of Information Sciences and Arts at Toyo University, Japan since 2019. He received a doctorate in engineering from Toyo University, Japan in 2009. From 2009 to 2015, he was a project assistant professor at the University of Electro-Communications in Japan. In 2015, he joined Ryutsu Keizai University, where he was an instructor until 2016 and an associate professor from 2016 to 2019.

His research interests include software engineering, AI, IoT, visualization, graph grammar, and software development education.

So far, he has chaired many conferences held by the International Society for Computers and Their Applications (ISCA) and the International Association for Computer and Information Science (ACIS) for several years as conference chairs and program chairs. He also served as the special session chair of ACIS, ISCA, and IEEE conferences. He is a member of IEEE, ACM, ACIS, ISCA, IEICE, IPSJ, and JSAI.

Program in Detail
Friday, December 15, 2023

■ 09:00 ~ 16:00 - Registration

USSH** D Building 1st Floor Lobby

■ 09:00 ~ 10:15 - EAIM Session 1

USSH D-301(P)

Metaverse & AI Business

Session Chair: Sungtaek Lee

Time	Title	Author(s)
09:00 - 10:15	Changes in artificial intelligence (AI) Marketing	Jungjae Lee and Jinhee Lee
	Metaverse and education-related research studies	Hye Sun Ahn
	Case Study on the Experience of Non-Suicidal Self-Injury and Overcoming in Christian Women in Their 20's	Jinhee Son and Lee You Kyung
	A Study on the Effect of Boss's Coaching Leadership on the Positive Psychological Capital and Organizational Commitment of Organizational Members	Mi Jeong Kim and Hoikyong Bae
	A Study on the influence of behavioral intention on the acceptance of technology based self service	Jaemo Lee

■ 10:30 ~ 12:00 - Opening Ceremony (BCD & EAIM) BCD Keynote 1,

EAIM Keynote 1, EAIM Keynote 2

USSH D Building 1st Floor

(Van Khoa Hall)

■ 12:00 ~ 13:00 Lunch

■ 13:00 ~ 14:15 - EAIM Session 2

USSH D-201

Big Data & Data Analysis for Metaverse

Session Chair: Quan Thanh Tho

Time	Title	Author(s)
13:00 - 14:15	Basic system design in the PBNM Scheme for Multiple Domains as Cyber Physical System Using Data Science and AI	Kazuya Odagiri, Shogo Shimizu, Naohiro Ishii,
	A Study on Coaching Leadership Influencing Innovative Behavior : Focusing on the Mediating Effect of Job Enthusiasm and Psychological Empowerment	Mi Jeong Kim, Jongwoo Park, Hoikyong Bae, Sung Hee Baek
	A Study on the Effect of Virtual Experience Play on the Creativity of Children	Hoikyong Bae Gwangyong Gim Mijeong Kim, Sunghee Baek
	A Study on the Standardization of e-Government Service	Jeeyoeng Kim, Jungsun Oh, Yoonhee Kim
	The relationship between active parental intervention, digital literacy, online opportunities, and self-regulation in the online use of adolescents	Euiyeon Na, Gwangyong Gim, Hoikyong Bae, Jungah Choi

■ 13:00 ~ 14:15 - EAIM Session 3
Big Data & Data Analysis for Metaverse

USSH D-301(P)
Session Chair: Sungtaek Lee

Time	Title	Author(s)
13:00 - 14:15	A Study on the professional baseball spectating factors affecting the continuance intention:Focus on dynamic pricing	Jaemo Lee
	An Empirical Study on the Factors Affecting the Intent to Use and Learner satisfaction and Education Service Platform Based on Metaverse	HyeSun Ahn
	A Study on the Derivation of Digital Citizenship Components and the Development of Educational Curriculum	Jinhee Son and Lee You Kyung
	A study on technology trends for AR Glasses using Topic Modeling	Hyuna Kim, Heeyoung Kim and Sungbyeong An
	A Study on the Housing Preference Characteristics of Single-person Households in Seoul	Yoonhee Kim, Jungsun Oh and Jeeyoeng Kim

■ 14:15 ~ 14:30 - Break

■ 14:30 ~ 15:45 - EAIM Session 4
Virtual Reality Object Connection

USSH D-201
Session Chair: Quan Thanh Tho

Time	Title	Author(s)
14:30 - 15:45	A Study on the Effects of Perceived Value and Presence of Live Commerce on Customer Satisfaction and Purchase Intention	Han Misook, Na Euiyeon, Park Jongwoo
	A Study on the Use of Smart Devices by Elderly	Jungsun Oh, Yoonhee Kim, Jeeyoeng Kim
	The Effect of Emotional Labor Strategy on Childcare Teachers' Turnover Intention: The Mediating Effect of Organizational Commitment and the Moderating Effect of the Leader-Member-Exchange(LMX) Relationship	Baek Sunghee, Shin Ho-Chul, Kim Mi Jeong, Han Mi Sook
	A Study on the Impact of Avatar Usage in Video Conferencing Platforms	Young Kun Yang, In Mo Yeo, Youngsu Kim
	A Study on Characteristics Affecting on the Usage Intention for Mobile Certification Services	Sae-Yong Oh, Sungtaek Lee

■ 14:30 ~ 15:45 - EAIM Session 5
Virtual Reality Object Connection

USSH D-301(P)
Session Chair: Phan Nhu Quynh

Time	Title	Author(s)
14:30 - 15:45	What are the factors that affecting the professional baseball spectating?	Jaemo Lee
	Strategies for Applying AI Marketing in the Senior Market	Jungjae Lee and Jinhee Lee
	A Systematic Perspective on the Psychological Characteristics and Problems of South Korean Youth in Twenties	Jinhee Son and Lee You Kyung
	An Exploratory study on Classification of patent documents using AI	Hyuna Kim, Youngsu Kim and In Mo Yeo
	A Study on the Effect of the Quality of In-Service Education on Teacher's Self-efficacy	Baek Sung Hee and Han Mi Sook

■ 15:45 ~ 16:00 - Break

■ 16:00 ~ 17:15 - EAIM Session 6
Business Intelligence

USSH D-301(P)
Session Chair: Sungtaek Lee

Time	Title	Author(s)
16:00 - 17:15	An Exploratory study on Multimodal and Lip-reading Research	Hyuna Kim, Hyongyong Lee and Youngkun Yang
	A Study on the Effect of Fashion Influencer Characteristics on World of Mouth Intention	Han Misook and Kim Mijeong
	The mediating effect of positive psychological capital in the relationship between coaching leadership and organizational commitment of supervisors	Mijeong Kim and Misook Han
	The Effect of Infant's Emotional Coaching on Self-Regulation in 3-Years-Old Infants	Baek Sung Hee and Kim Mi Jeong
	Analyzing Characteristics in Housing Preferences and Policy Considerations for Middle-Aged and Elderly Individuals Living Alone	Yoonhee Kim, Jongmo Hwang and Seockho Jang

Program in Detail

Saturday, December 16, 2023

■ 9:00 ~ 11:00 – Registration

USSH** D Building 1st Floor Lobby

■ 09:30 ~ 11:00 - EAIM Session 7

USSH D-301(P)

Digital Transformation

Session Chair: Sungtaek Lee

Time	Title	Author(s)
09:30 - 11:00	A Study on Factors Affecting Smartphone Use Among the Elderly : Focusing on Convenience and Playfulness	Jungsun Oh, Jeeyoeng Kim and Heeyoung Kim
	A Study on the Effect of Virtual Experience Play on the Playability of Children	Hoikyoung Bae, Sunghee Baek and Misook Han
	A Study on the Effects of Perceived Characteristics of Live Commerce Platform on Intention to Continuous Use	Han Misook and Bae Hoikyoung
	An empirical study to provide sustainable government service	Jeeyoeng Kim, Yoonhee Kim and Seungbok Ahn
	The Effect of Parents' Active Intervention on Adolescents' Online Opportunities	Na Euiyeon
	A Study on the Education Utilization Method of Generative AI and Metaverse	Hye Sun Ahn

■ 09:30-11:00 - EAIM Session 8

USSH D-307(P)

Digital Transformation

Session Chair: Phan Nhu Quynh

Time	Title	Author(s)
09:30 - 11:00	A study on the impact of digital literacy on online opportunities: Centered on adolescents	Na Euiyeon
	Marketing activities in the metaverse era - Focusing on the MZ generation	Jungjae Lee and Jinhee Lee
	An empirical study for the implementation of customer-oriented e-Government service	Jeeyoeng Kim, Seockho Jang and Jongmo Hwang
	Effect of Virtual Experience Play Program on Playability by Age: Focusing on 6 to 7 year olds	Hoikyoung Bae, Kim Mi Jeong and Euiyeon Na
	A Study on Smart Device Characteristics that Affect the Elderly's Intention to Use Smart Devices	Jungsun Oh, Jongmo Hwang and Seockho Jang
	A Research on Implementing an Intelligent Parking Sharing System for Residential Complexes	Yoonhee Kim, Jeeyoeng Kim and Heeyoung Kim

■ 11:00 ~ 12:00 - Closing Ceremony

USSH D Building 1st Floor (Van Khoa Hall)