

ICW 2024 Workshop

*International Clustering Workshop
on Teaching, Researching, and Education*

October 17-18, 2024

Organizer:

Data Science Laboratory, Ton Duc Thang University
National Crisisonomy Institute, Chungbuk National University
Crisis & Emergency Management: Theory and Praxis
Database/ Bioinformatics Laboratory, Chungbuk National University

ZOOM INVITATION LINK

International Clustering Workshop 2024 (ICW 2022)

When: 17 - 18 October 2024 09:00 – 18:30 Korean Standard Time – Seoul
08:00 – 17:30 China and Mongolia
07:00 – 16:30 Vietnam and Thailand

Where:

- Offline (Place: CBNU - College of Electrical and Computer Engineering BLD E8-7)

- Online through Zoom:



- ID: 232 152 6191
- Password: 2254

- Note All Zoom Link have the same ID and Password

ICW 2024 Schedule

Zoom Thu Oct 17, 2024, 09 AM – 12 PM:
<https://us02web.zoom.us/j/2321526191?pwd=cXVLZVN0dTNzM3FxdEcyTUhaN0ZXdz09&omn=82607403127>

Time (KST) 17 th October	Content	Presenter
09:00-09:30	Registration and ICW 2024 Opening Speech	Jae Soo Yoo (Korea), Oyun-Erdene Namsrai (Mongolia), and Pham Van Huy (Vietnam)
SESSION CHAIRS:	Keun Ho Ryu – Professor, Chungbuk National University, Korea / Ton Duc Thang University, Vietnam Oyun-Erdene Namsrai – Professor, National University of Mongolia, Mongolia	
09:30-11:00	Professor Oyun-Erdene Namsrai Group , National University of Mongolia, Mongolia 1. Development of Contents for Gyeongbokgung Palace of Joseon Based on Guyuk Metaverse and Construction of UNESCO Korean Cultural Heritage Space, Namuun Bayarsaikhan, Park Jin Ho and Enkhbayar Altantsetseg 2. Noise-based rendering techniques, Ganchimeg PurevOchir, Oyunbaatar Tumentsogtand Oyundolgor Khorloo 3. A Unified Dataset of UML Class Diagram Metrics for Bug Prediction, Batnyam Battulga, Lkhamrolom Tsoodol, Naranchimeg Bold, Oyun-Erdene Namsrai	
11:00-11:20	Coffee Break (with Photo Time)	
11:20-12:00	Professor Uyanga Sambuu Group , National University of Mongolia, Mongolia 1. Automating call center calls using Chimege(speech to text) and OpenAi, Azzaya Battogtokh, Uyanga Sambuu, Oyundolgor Khorloo 2. Solution for enhancing the information system of the archives sector in Mongolia. Davaakhuu Bayarmagnai, Uyanga Sambuu, Oyun-Erdene Namsrai, Azzaya Battogtokh	
12:10-13:30	Lunch Break	

ICW 2024 Schedule



Zoom Thu Oct 17, 2024, 1:30 PM – 06:30 PM:
<https://us02web.zoom.us/j/2321526191?pwd=cXVLZVN0dTNzM3FxdEcyTUhaN0ZXdz09&omn=84551340947>

Time (KST) 17 th October	Content	Presenter
SESSION CHAIRS: Oyun-Erdene Namsrai – Professor, National University of Mongolia, Mongolia		
13:30-14:30	Professor Jae Eun Lee Group and Aziz Nasridinov Group , Chungbuk National University, Korea	
	<ol style="list-style-type: none">1. Role of the Internet of Things in Levee Infrastructure Asset Management: A Case Study of the Yellow River Basin in Shandong Province, Dong LIN (Department of Crisisonomy)2. Self-Supervised Defect Detection of Multi-View 3D Pose Estimation from Non-Calibrated Cameras, Tserenpurev Chuluunsaikhan (Computer Science Department)	
14:30-15:30	Professor Pham Van Huy Group , Ton Duc Thang University, Vietnam	
	<ol style="list-style-type: none">1. Vietnamese - English machine translations on Teencode style, Hoang-Nguyen Nguyen and Phuoc Tran (Data Science laboratory)2. Enhancing Image Colorization with Aggregated Residual Network and Learned Perceptual Loss, Phuoc-Thinh Le, Van-Huy Pham (Data Science laboratory)	
15:30-15:45	Coffee Break	

ICW 2024 Schedule



Zoom Thu Oct 17, 2024, 1:30 PM – 06:30 PM:
<https://us02web.zoom.us/j/2321526191?pwd=cXVLZVN0dTNzM3FxdEcyTUhaN0ZXdz09&omn=84551340947>

Time (KST) 17 th October	Content	Presenter
SESSION CHAIRS:	Keun Ho Ryu – Professor, Chungbuk National University, Korea / Ton Duc Thang University, Vietnam	
15:45-16:40	Professor Professor Wang Ling Group , Northeast Electric Power University, Professor Huilin Zheng Group , Guilin University of Technology, China 1. Introduction to Convolutional Neural Networks, Zhen Tian (Department of Software Engineering) 2. Heart Disease Recognition Model Based on HRV Spectral Amplitude Feature, Tianshuo Bi (Big data and Bioinformatic Laboratory) Critical Infrastructure Types for National Crisis Prevention in the Era of Climate Change: Hypothetical Case Studies of Extreme Disasters and New Terrorism Threats	
16:40-18:30	Invited Keynotes: Jae Eun Lee (Chungbuk National University), Nipon Theera-Umpon (Chiang Mai University) Jae Eun Lee Critical Infrastructure Types for National Crisis Prevention in the Era of Climate Change: Hypothetical Case Studies of Extreme Disasters and New Terrorism Threats Nipon Theera-Umpon Staining-Independent Automatic Malaria Diagnosis in Blood Smear Images	
18:30-21:00	Banquet Dinner	

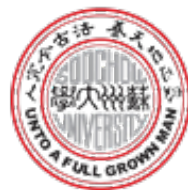
ICW 2024 Schedule zoom

Zoom Thu Oct 17, 2024, 09 AM – 12:30 PM:
<https://us02web.zoom.us/j/2321526191?pwd=cXVLZVN0dTNzM3FxdEcyTUhaN0ZXdz09&omn=84921989491>

Time (KST) 18 th October	Content	Presenter
SESSION CHAIRS:	Keun Ho Ryu – Professor, Chungbuk National University, Korea / Ton Duc Thang University, Vietnam Oyun-Erdene Namsrai – Professor, National University of Mongolia, Mongolia	
	Professor Oyun-Erdene Namsrai and Uyanga Sambuu Group , National University of Mongolia, Mongolia	
09:30-11:00	<ol style="list-style-type: none">1. Artificial Intelligence and School Information Management System recent updates," Baatarbileg Altangerel, Munkhnasan Tuvdendor2. Building a Mongolian corpus for Natural Language Processing" Byambasuren Ivanov, Uuganbaatar Dulamragchaa, Purevsuren Tumurbaatar3. Program Development and Implementation: Ongoing projects at the Department of Information and Computer Sciences, National University of Mongolia, Oyun-Erdene Namsrai, Mend-Amar Majig, Uyanga Sambuu	
11:00-12:00	Professor Keun Ho Ryu - Discussions for FITAT 2025, ICW 2025 and MIRM 2025, and Report FITAT 2024 <ol style="list-style-type: none">1. Report on FITAT 20242. Springer Book Proposal for FITAT 2025, Hoch Minh City, Vietnam3. Joint ICW 2025, China to International Joint Conference4. MIRM for joining few new members	
12:00-13:30		Lunch Break

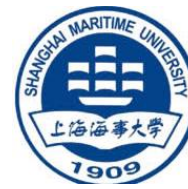
ICW 2024 Schedule

Time (KST) 18th October	Content
SESSION CHAIRS:	Campus and City Tour
13:30-17:30	ICW 2024 Tour Plan: Chungbuk National University Campus Tour <hr/> Cheongju City Tour
Closing the ICW 2024	



See you on ICW 2025 Workshop





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