

PROGRAM FOR ADINTECH 2024 (TECHIN 2024)

DAY 1, APRIL 24TH, 2024 (WED)

TIME	
13:00-14:30	Committee Meeting
15:00-16:30	Session A

DAY 2, APRIL 25TH, 2024 (THU)

TIME	
13:00-14:30	Committee Meeting
15:00-16:30	Session B

DAY 3, APRIL 26TH, 2024 (FRI)

TIME	
11:30-12:50	Lunch
13:00-15:00	Session C
15:00-15:30	Coffee Break
15:30-17:30	Session D
17:30-19:00	Dinner

DAY 4, APRIL 27TH, 2024 (SAT)

TIME	
13:00-14:30	Committee Meeting
15:00-16:30	Session E

DAY 5, APRIL 28TH, 2024 (SUN)

TIME	
13:00-14:30	Closing meeting by KIIT for ADINTECH
15:00-16:30	Closing meeting by KIITI for TECHIN

PROGRAM SCHEDULE

DAY 1, APRIL 24TH, 2024 (WED)

- 13:00-14:30** **Committee Meeting organized by KIIT, KIITI**
- 14:30-15:00** **Break**
- 15:00-16:30** **Session A (Chair: Jun-Hong Shen, National United University, Taiwan)**
- **A Study of Blockchain Based on Used Car Trading System**
Jia-Qi Yang
 - **A Study of Intelligent Campus in Cloud Computing**
Yi-Ru Lu
 - **An Effective user information distributed processing technology**
Ching-Ta Lu
 - **Construction of System to support Intelligent Coffee Shop using IoT**
Zi-Hao Tsai
 - **Korean Leisure Sports in the Fourth Industrial Revolution**
Po-Sheng Chang
 - **Protection Method of IoT Based on Blockchain**
Yen-Yu Lu
 - **Target Object with Privacy Data in Multimedia data**
Hu Wen Tao
 - **Hierarchical technology for effective handling large amounts of user data**
Yong-Xiang Zhang

DAY 2, APRIL 25TH, 2024 (THU)

- 13:00-14:30** **Committee Meeting organized by KIIT**
- 14:30-15:00** **Break**
- 15:00-16:30** **Session B (Chair: In-Sik Choi, Hannam University, Korea)**
- **Near Real-time CCTV Video Analysis and Delivery Framework for Predicting Crimes**
Yeonsu Kim, Seeun Kim, and Jinho Ahn
 - **6G Industrial IoT: Facilities System and Economic Value**
Ga Eun Choi, Jeongeun Byun, Byung Woon Kim

- **A Novel Approach for Deriving Required Quality of Product Using Deep Learning from Customer Reviews**
Sumin, Kuk Jin Bae, Jeongeun Byun
- **How to Discover Timely Emerging Technologies in the POST COVID-19 Pandemic Era**
Eun Sun Kim, Jeongeun Byun, Yunjeong Choi
- **Prediction of Death of Intensive Care Inpatients Using Deep Learning**
Gilsik, Park
- **Robustness Evaluation of Artificial Intelligent Software for Traffic Safety-Related Object Detection**
Jun-Cheol Suh, Ga-On Cheon, Jung-Been Lee, Jeong-Dong Kim and Taek Lee
- **Construction of Digital Contents System for Cleaning Facility management System**
Ching-Ta Lu, Hwa-Young Jeong, Hackyoon Kim
- **Classification with document and semantic embedding data**
Po-Sheng Chang
- **Naïve Bayes' classification with semantic document**
Penxue Chi

DAY 3, APRIL 26TH, 2024 (FRI)

11:30-12:50 **Lunch (Restaurant: Quán ăn Tươi Thắm)**

13:00-15:00 **Session C (Chair: Sangook Moon, Mokwon University)**

- **The association between meteorological factors and the suicide rate among older adults in Jeju Island, Korea**
Sua Cho, Hyunjung Kim
- **Leak detection study of plant pipelines using TadGAN-based unsupervised learning structure**
SuJin Park, SeungSae Joo, SangWoo Lee, DoYeob Yeo, and Ji-Hoon Bae
- **Classification with document and semantic embedding data**
Po-Sheng Chang
- **PARK: Preprocessing Algorithm for Recognition of Korean handwriting characters**
Sungsuk Kim, Jaehyun Kim, and Sun Ok Yang
- **Real-Time Atypical Smoke Detection Research to Reduce the False**

Positive by Similarity Algorithm

Chan-Young Hwang, Sang-Hun Lee, and Yeunghak Lee

- **Integration project Quality Improvement Practice based on Test Model**
Takshiun Tung
- **Discussing Security Criteria and Verification of Pseudonymous and Anonymous Information: Legal and Technical Perspectives**
Jiyeon Lee, Soonseok Kim

15:00-15:30 Coffee Break

15:30-17:30 Session D (Chair: Sunguk Kim, Seokyeong University)

- **Research on lightweight deep learning models for mobile face recognition**
Sang-Hun Lee, Il-Yong Chun, Sang-Hee Park
- **PSI Protocol with Parallel Minimal Perfect Hashing**
Jiyeon Lee
- **Towards Intelligent Road Situation Detection with Deep Learning Approaches**
Subhajit Chatterjee, Yung-Cheol Byun
- **Processing Private Queries over Encrypted data in Cloud**
Hye-Kyeong Ko
- **A Robust Single Analog Pin Approach to Eliminate Electrical Interference such as CrossTalk**
Batgerel Gerelbat, Chun-Ki Kwon
- **Heterodyne-Based Ultrasonic Signal Detection for Low-Power Sensing Applications**
Jae-cheol Lee, Yong-hwan Lee, Sung-young Kim, and Sangook Moon
- **Human Posture Recognition for Extreme VR Sports**
Yongseon Kim, Eunyong Ahn
- **Efficient Steganography Scheme for User Multimedia Data in Hospital Environments**
Jun-Hong Shen
- **Knowledge Sharing and New Product in Pharmaceutical Industry**
Wei Jia
- **Classification with document and semantic embedding data**
Po-Sheng Chang
- **Study on the Arc-Fault Detection Transformer Model Based on Dual Multi-Head Attention**
Sungsoo Kwon, Seoyoung Jeon, Won-Kyu Choi, and Ji-Hoon Bae

17:30-19:00 **Dinner (Seashells Phu Quoc Hotel & Spa)**

DAY 4, APRIL 27TH, 2024 (SAT)

13:00-14:30 **Committee Meeting organized by KIIT, KIITI**

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

15:00-16:30 **Session E (Chair: Jason C. Hung, National Taichung University of Science and Technology, Taiwan)**

- **Authentication Protocol for Safety of Medical IoT Sensor Devices**
Sang-Pu Hong
- **Implementation of intelligent Campus System based Ubiquitous**
Yen-Yu Lu
- **Construction of Smart Learning System in Cloud Computing Environment**
Sang-Pu Hong
- **Establishment of a universal labeling system for UI design automation and presentation of a weight-based arrangement method**
Zi-Hao Tsai
- **A Study of Smart Coffee Shop based on Ubiquitous**
Yong-Xiang Zhang
- **Remoted Baby Monitoring System for Emergency Situations**
Yi-Ru Lu
- **Construction of Simulation for Adsorption Process Visualization**
I-Ming Wang

DAY 5, APRIL 28TH, 2024 (SUN)

13:00-14:30 **Committee Meeting organized by KIIT for ADINTECH**

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

15:00-16:30 **Committee Meeting organized by KIITI for TECHIN**