

46th UEC International mini-Conference

on Informatics, Sciences and Engineering

10th August, 2021
Conference Agenda

ORAL PRESENTATION SECTION

Tuesday, 10th August, 2021 East-2 BUILDING, ROOM B-117 (Present in-Classroom and Online)	
(Session 1) Japanese University Studies in Science & Technology (JUSST) Program Chairperson: Edgar Santiago	
10:00 - 10:20	Limits and Effects of Foveated Rendering in Virtual Reality , Fabian SCHNEEKLOTH, University of Bremen (UB), Germany (Hirota Laboratory)
10:20 - 10:40	A Distributed Computation Offloading Strategy for Edge Computing based on Deep Reinforcement Learning , Hongyang LAI, University of Electronic Science and Technology of China (UESTC), P. R. China (Celimuge Laboratory)
10:40 - 11:00	An Optimization Routing Protocol based on Q-Learning in IoT Greenhouse Monitoring , Zhuocheng YANG, University of Electronic Science and Technology of China (UESTC), P. R. China (Celimuge Laboratory)
11:00 - 11:20	5GMM Algorithm for Skin Color Segmentation in Outdoor Environments by Using a Stereo Camera , Junhan BAO, University of Electronic Science and Technology of China (UESTC), P. R. China (Ishibashi Laboratory)
11:20 - 11:50	Involution Based Speech Autoencoder: Investigating the Advanced Vision Operator Performance on Speech Feature Extraction , Tianle ZHONG, University of Electronic Science and Technology of China (UESTC), P. R. China (Haneda Laboratory)
Lunch Break (11:50 - 13:00)	
(Session 2) Multifaceted International Collaboration Hubs (MICH) Program Chairperson: Edgar Santiago	
13:00 - 13:10	Improvement of Radio Environment Map under Data Falsification Attack , Ying GAO (Fujii Laboratory)
13:10 - 13:20	Machine Learning-based Non-contact Vital Signs Monitoring , Hoang Thi YEN (Sun Laboratory)
13:20 - 13:30	Fake News Detection Using Blockchain and AI , Raquiba SULTANA (Nishino Laboratory)
13:30 - 13:40	The Rayleigh-Taylor Instability and Kelvin-Helmholtz Instability in a Two-Component Bose-Einstein Condensate , Ngoc-Uyen LE (Saito Laboratory)
13:40 - 13:50	Growth of CuAlO₂/Si by p-RAS , Ali Mehdi (Isshiki Laboratory)
13:50 - 14:00	Effects of A-site Cation Exchange on the Optical Properties and Photoexcited Carrier Dynamics of Metal Halide Perovskite Quantum Dots , Hua LI (Shen Laboratory)
Closing Remarks	

POSTER PRESENTATION SECTION

Tuesday, 10 th August, 2021 (16:00-18:00) Online Poster Presentation	
Poster Session (16:00 start online)	
Japanese University Studies in Science & Technology (JUSST) Program	
JT 1	Security of Language Exchange Messaging Applications: A Forensic Analysis Case Study , Manuel Trinidad Morales , Tallinn University of Technology (TUT), Estonia (Santoso Laboratory)
JT 2	Remote Sensing for Atmospheric and Space , Jinyi HU, Zhejiang University of Technology (ZJUT), P. R. China (Tsuda Laboratory)
JT 3	Quantum Computation to solve MAX-CUT Problem , Haoyu FANG, Zhejiang University of Technology (ZJUT), P. R. China (Shimada Laboratory)
JT 4	Stock Prediction using Neural Network: A Comparison of Neural Network and Combined Neural Network , Filip Bengtsson, Blekinge Institute of Technology (BTH), Sweden (Yamada Laboratory)
JT 5	A Deep Reinforcement Learning Algorithm Based on Modified Twin Delay DDPG Method for Robotic , Carlos Vasquez, National Polytechnic Institute (IPN), Mexico
MH 1	Modeling Atmosphere-Ionosphere Coupling Using FDTD Method , Setiawan Daneraici ANTRISHA (Hobara Laboratory)

JT - Japanese University Studies in Science & Technology (JUSST) Program

MH - Multifaceted International Collaboration Hubs (MICH) Program

JUSST Program Closing Ceremony: Wednesday, 11th August, 2021, 15:00- (online)