

11/30(Wed)

General track Full papers: 20 minutes talk + 5 minutes Q&A

Short papers: 15 minutes talk + 5 minutes Q&A

Panel: 50 minutes talk + 20 minutes Q&A

	2nd floor lobby	Room Miyabi	Other
12:30-15:15	registration		
13:15-13:30		Opening	
13:30-13:55		<p><b>Main track (2) Analytics and Logic</b></p> <p><b>1. Efficient Inductive Logic Programming Based on Particle Swarm Optimization (Short)</b>            Obara, Kyosuke (Tokyo University of Science); Takimoto, Munehiro (Tokyo University of Science); Kumazawa, Tsutomu (Software Research Associates, Inc); Kambayashi, Yasushi (Nippon Institute of Technology)</p>	
13:55-14:05	Coffee break		
14:05-15:20 (Room must be clear by 16:00)		<p><b>Main track (3) Machine Learning 1</b></p> <p><b>2. Unity-Bounded Function and Benchmark Design Specifications Targeted for Designing Typical Variable Digital Filters (Full)</b>            Deng, Tian-Bo (Toho University)</p> <p><b>3. QBRT: Bias and Rising Threshold Algorithm with Q-Learning (Full)</b>            Ogino, Ryo (National Defense Academy of Japan); Kubo, Masao (National Defense Academy of Japan); Sato, Hiroshi (National Defense Academy of Japan)</p> <p><b>4. A Study on Effectiveness of BERT Models and Task-Conditioned Reasoning Strategy for Medical Visual Question Answering (Full)</b>            Nguyen, Chau (Japan Advanced Institute of Science and Technology); Le, Tung (University of Science – VNUHCM, Vietnam); Le, Nguyen-Khang (Japan Advanced Institute of Science and Technology); Pham, Trung-Tin (Japan Advanced Institute of Science and Technology); Nguyen, Le-Minh (Japan Advanced Institute of Science and Technology)</p>	
19:00-21:00			Banquet *1

\*1Buffet Style Banquet at Hiroshima Garden Palace

	2nd floor lobby	Room Miyabi	Other
09:00–14:00	registration		
09:00–10:10		<p><b>Main track (3) AI and Networks</b></p> <p><b>5. Cost-aware Node Ranking Algorithm for Embedding Virtual Networks in Internet of Vehicles (Full)</b>            Nguyen, Khoa (Carleton University); Shi, Wei (Carleton University); St-Hilaire, Marc (Carleton University)</p> <p><b>6. Fault Diameter of Strong Product Graph of Two Paths (Full)</b>            Yue, Yuxiang (Qinghai Normal University); Li, Feng (Qinghai Normal University)</p> <p><b>7. Design and Implementation of SF Selection Based on Distance and SNR using Autonomous Distributed Reinforcement Learning in LoRa Networks (Short)</b>            Urabe, Ikumi (Tokyo University of Science); Li, Aohan (The University of Electro-Communications); Fujisawa, Minoru (Tokyo University of Science); Kim, Song-Ju (SOBIN Institute LLC); Hasegawa, Mikio (Tokyo University of Science)</p>	
10:10–10:20	Coffee break		
10:20–11:30		<p><b>Panel: New Trends on Artificial Intelligence</b></p> <p><b>Moderator:</b>            Dr. Steve Chan, Decision Engineering Analysis Laboratory, USA (IARIA Fellow)</p> <p><b>Panelists:</b>            Prof. Dr. Takashi Kuremoto, Nippon Institute of Technology Japan            Prof. Dr. Hayato Ohwada, Tokyo University of Science, Japan            Prof. Dr. Atsushi Togashi, Shizuoka University, Japan            Prof. Dr. Eugen Borcoci, University „Politehnica” of Bucharest (UPB), Romania, (IARIA Fellow)            Prof. Dr. Petre Dini, IARIA, USA/EU (IARIA Fellow)</p>	
11:30–12:25		<b>Lunch</b>	
12:25–13:40		<p><b>Main track (3) Machine Learning 2</b></p> <p><b>8. Inspired human cognitive bias robust Neural Networks against Adversarial attacks (Full)</b>            Ogasawara, Yuuki (National Defence Academy of Japan); Kubo, Masao (National Defence Academy of Japan); Sato, Hiroshi (National Defense Academy of Japan)</p> <p><b>9. Efficient estimation of cows' location using machine learning from sensor data (Full)</b>            Sawada, Tomohide (Tokyo University of Science); Uchino, Tom (Tokyo University of Science); Ohwada, Hayato (Tokyo University of Science); Martono, Niken (Tokyo University of Science)</p> <p><b>10. A Time Series Forecasting Method using DBN and Adam Optimization (Full)</b>            Kuremoto, Takashi (Nippon Institute of Technology); Furuya, Masafumi (Yamaguchi University); Mabu, Shingo (Yamaguchi University)</p>	
13:40–13:50	Coffee break		
13:50–14:55		<p><b>Main track (3) Evolutionary Computation</b></p> <p><b>11. Proposal and evaluation of a course classification support system emphasizing communication with the sub-committees within the Committee of Validation and Examination for Degrees (Short)</b>            Miyazaki, Kazuteru (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education);</p>	

		<p>Yamaguchi, Syu (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education); Mori, Rie (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education); Yoshikawa, Yumiko (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education); Saito, Takanori (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education); Suzuki, Toshiya (Research Department, National Institution for Academic Degrees and Quality Enhancement of Higher Education)</p> <p><b>12. A Research of Infectivity Rate of Seasonal Influenza from Pre-Infectious person for Data Driven Simulation (Full)</b> Iwanaga, Saori (Japan Coast Guard Academy)</p> <p><b>13. Creating Trust within Population in an Uncertain Environment using Blockchain (Short)</b> Sato, Hiroshi (National Defense Academy of Japan); Kubo, Masao (National Defense Academy of Japan)</p>	
14:55–15:00 (Room must be clear by 15:00)		Closing	