

Technical Program Schedule

Date	Time	ROOM1 (A202)	ROOM2 (A203)	ROOM3 (A208)	ROOM4 (A206)
2th	10:40 12:00	ICIEV Session 1-1 [Invited Session] Paper ID: 11 Topological Approaches for Simultaneous Localization and Mapping Naoyuki Kubota, Tokyo Metropolitan University	ICIEV Session 2-1 Paper ID: 48 Wikipedia Entry Augmentation by Sub-merging Entities Based on Multilingual Ontology Md. Tasnim Manzur Ankon*, Bangladesh University of Engineering and Technology (BUET); Muhammad Masroor Ali, Department of CSE, BUET	ICIEV Session 3-1 Paper ID: 100 Medicine Recognition Using Text in Pill Image and Intrinsic Geometric Property Tanjina Piash Prama, Independent University, Bangladesh; Md. Zakir Hossan, Independent University, Bangladesh; M Ashraf Amin*, Independent University, Bangladesh	ICIEV Session 4-1 Paper ID: 54 Kinematics of Knee Muscles Influencing by Aging Effects as Parametric Index to OA Md. Tawhidul Khan*, Saga University; A. Nakagaki, Saga University; S. Ide, Saga University
		[Invited Session] Paper ID: 12 Information for safe navigation and the concept of collision avoidance Ruri Shoji, Tokyo University of Marine Science and Technology	Paper ID: 53 2.20 Tbps Hybrid O-OFDM WDM PON using Direct Detection Technique Saad Bin Ali Reza*, American International University-Bangladesh; Chowdhury Miflah Mahmood Sagir, American International University-Bangladesh; Shahrir Faridi, American International University-Bangladesh; Mrinmoy Roy, American International University-Bangladesh; Dr. Mohammad Nasir Uddin, American International University-Bangladesh (AIUB)	Paper ID: 26 IPMC Based Data Glove for Object Identification Srijan Bhattacharya*, RCCIIT	Paper ID: 117 Extremely Simple Fuzzy Classifier for Intelligent Multimodal Media Processing Prof. Atsushi Inoue Eastern Washington U*
		[Invited Session] Paper ID: 13 Strategies for Imbalanced Pattern Classification for Digital Pathology Gerald Schaefer Gerald Schaefer, Loughborough University	Paper ID: 17 Action selection using priority for each task -Realization of effective processing by dynamical update of priority- Takuya Masaki*, Muroran Institute of Technology; Kurashige Kentarou, Muroran Institute of Technology	Paper ID: 31 Parametric Wiener Filter with Parameters Estimation on Image Power Spectrum Sparsity Naw Jacklin Nyunt*, Saitama University; Yosuke Sugiura, Saitama University; Prof. Tetsuya Shimamura, Signal Proc - Saitama U	Paper ID: 24 Alignment of 3-D Scanning Data for Polygonal Mesh based on Modified Triangulation Masud An Nur Islam Fahim, Khulna University of Engineering & Technology; Sakib Mostafa*, Khulna University of Engineering & Technology; Jarin Tasnim, Khulna University of Engineering and Technology; A. B. M. Aowlad Hossain, Khulna University of Engineering & Technology
		[Invited Session] Paper ID: 14 Development of a Health Education Model Stephen Shervais, Eastern Washington University	Paper ID: 59 Bengali Sign Language Recognition Using Dynamic Skin Calibration and Geometric Hashing Kazi Ehsan Aziz, Shahjalal University of Science and Technology; Ashzabin Wadud*, Shahjalal University of Science and Technology; Prof. Alauddin Bhuiyan U Melbourne; Sadia Sultana, Shahjalal University of Science and Technology; Md. Akter Hussain, Shahjalal University of Science and Technology	Paper ID: 66 Robot-Human Handover Based on Motion Prediction of Human Wataru Sakata*, Kobe University; Prof. Futoshi Kobayashi, Robotics & Mechatronics - Kobe U; Hiroyuki Nakamoto, Kobe University	Paper ID: 16 Particle Filter Based Moving Object Tracking with Adaptive Observation Model A.F.M. Shahab Uddin*, Islamic University
		ICIEV Session 1-2 Paper ID: 80 Design and Implementation of a Low-Cost Automated Blood Flow Control Device Through Smart Phone for Bio-Medical Application Muhibul Bhuyan*, Southeast University; Md. Sumon Ali, Southeast University	ICIEV Session 2-2 [Special Session: CIHSA: Computational Intelligence for Health-care Systems and Applications] Paper ID: 91 Neuro-Fuzzy Model with Subtractive Clustering Optimization for Arm Gesture Recognition by Angular Representation of Kinect Data Atif Ahmed, University Malaya; Chu Kiong Loo, University of Malaya; Takenori Oho*, Tokyo Polytechnic University	ICIEV Session 3-2 Paper ID: 116 An Improved Algorithm for Skeletonisation of Nailfold Capillaries Niraj Doshi, Loughborough University; Gerald Schaefer, Loughborough University; Iakov Korovin*, Southern Federal University	ICIEV Session 4-2 Paper ID: 42 A Descriptive Conceptual Framework to Measure Distance of Pupil using Pixel value A.F.M. Saifuddin Saif, American International University - Bangladesh ; Md. Shahadat Hossain*, American International University - Bangladesh; Khandaker Tabin Hasan , American International University - Bangladesh
2th	15:20 16:40	Paper ID: 58 Using ANN back-propagation technique to represent the group of ILD patterns Balemir URAGUN*, Monash University	[Special Session: CIHSA: Computational Intelligence for Health-care Systems and Applications] Paper ID: 98 Fast human skeleton optimization for posture recognition Wei Quan*, Tokyo Metropolitan university	Paper ID: 19 Prototype Development of Interactive Tactile Graphics Editor with LaTeX and Participant's Experience in Using the Editor Yuji Masaki*, Toyama Prefectural University; Prof. Noboru Takagi Toyama Prefectural U	Paper ID: 86 IHEMHA: Interactive Healthcare System Design with Emotion Computing and Medical History Analysis Md. Rifat Ullah, East West University; Md. Ataur Rahman Bhuiyan, East West University; Amit Kumar Das*, East West University
		Paper ID: 83 Effect of EMG Artifacts on Video Category Classification from EEG Mohammad Bashar, Independent University, Bangladesh; Rayhan Sardar Tipu, Independent University, Bangladesh; Aunnoy K Mutasim, Independent University, Bangladesh; M Ashraf Amin*, Independent University, Bangladesh	[Special Session: CIHSA: Computational Intelligence for Health-care Systems and Applications] Paper ID: 90 A Writing Pressure Analysis Method for Evaluation of Trail Making Test using Smart Device Takuya Mabuchi, Tokyo Metropolitan University; Naoyuki Kubota, Tokyo Metropolitan University; Takahiro Takeda*, Daiichi Institute of Technology; Atsushi Manji, Saitama Misato Sougou Rehabilitation Hopitan; Tadimitsu Matsuda, Uekusa Gakuen University	Paper ID: 14 Limitations when Improving Security Camera Video Prof. Seiichi Goshi*, Image Proc. - JP	#N/A
		Paper ID: 111 Glioblastoma Multiforme Tissue Histopathology Images Based Disease Stage Classification with Deep CNN Asami Yonekura*, Mie University; Hiroharu Kawanaka, Mie University; B. Surya Prasath, University of Missouri-Columbia; Bruce J. Aronow, Cincinnati Children's Hospital Medical Center; Prof. Haruhiko Takase Mie U	[Special Session: CIHSA: Computational Intelligence for Health-care Systems and Applications] Paper ID: 81 Motion Analysis for Unilateral Spatial Neglect in Computational System Rehabilitation Takenori Oho*, Tokyo Polytechnic University ; Kota Adachi, Tokyo Polytechnic University; Naoyuki Kubota, Tokyo Metropolitan University	Paper ID: 25 Pattern Augmentation for Handwritten Digit Classification based on Combination of Pre-trained CNN and SVM Yoshihiro Shima*, Meisei University; Yumi Nakashima, Meisei University Michio Yasuda, Meisei University	#N/A

Date	Time	ROOM1 (A202)	ROOM2 (A203)	ROOM3 (A208)	ROOM4 (A206)
2th	16:40 18:00	ICIEV Session 1-3 Paper ID: 69 Photovoltaic performance analysis of electrophoretically deposited ZnO-based dye-sensitized solar cells developed using variations of mechanical compressions along with post annealing Naycem Ansari*, Nagoya Institute of Technology; Kato Shinya, Nagoya Institute of Technology; Naoki Kishi, Nagoya Institute of Technology; Soga Tetsuo, Nagoya Institute of Technology	ICIEV Session 2-3 [Special Session: CIHSA: Computational Intelligence for Health-care Systems and Applications] Paper ID: 84 On Ultrasound Measurement System Estimating Diameters of Fallopian Tube Models Prof. Naotake Kamiura*, U Hyogo; Prof. Takayuki YUMOTO, U of Hyogo; Teijiro Isokawa, University of Hyogo; Yutaka Hata, University of Hyogo	ICIEV Session 3-3 Paper ID: 50 Recognition of Overlapped Objects using RGB-D Sensor Mitsuhiro Yukitoh*, University of Hyogo; Masakazu Morimoto, University of Hyogo, JAPAN	
		Paper ID: 27 Coadsorption study of Pb and Sb on Cu(001) by low energy electron diffraction Md Kabiruzzaman*, Kyushu University, Japan; Rezwan Ahmed, Kyushu University; Takeshi Nakagawa, Kyushu University; Seigi Mizuno, Kyushu University	Paper ID: 18 Cost-Effective Camera Pose Estimation for Basketball Analysis Using Radon Transform Yuto Idaka, Tokyo Metropolitan University; Koya Yasuda, Tokyo Metropolitan University; Yihsin Ho, Tokyo Metropolitan University; Norio Tagawa*, Tokyo Metropolitan University	Paper ID: 33 Gesture Recognition based on Spatiotemporal Histogram of Oriented Gradient Variation Seiji Kojima*, Mie University; Wataru Ohyama, Mie University; Tetsushi Wakabayashi, Mie University	
		Paper ID: 29 Blue Glasses Increase Your Alertness: Effects of Colored Glasses on Psychomotor Performance Junichiro Hayano*, Nagoya City University Graduate School of Medical Sciences; Yutaka Yoshida, Nagoya City University Graduate School of Medical Sciences; Emi Yuda, Nagoya City University Graduate School of Medical Sciences	Paper ID: 10 Empirical Bayes Estimation of Tissue Scatterer Distribution from Ultrasound Echo Atsumi Ubukata, Tokyo Metropolitan University; Jing Zhu, Tokyo Metropolitan University; Yihsin Ho, Tokyo Metropolitan University; Norio Tagawa*, Tokyo Metropolitan University	Paper ID: 35 Segmented Face Image Verification for Age-Invariant Face Recognition Yuta Somada*, Mie University; Wataru Ohyama, Mie University; Tetsushi Wakabayashi, Mie University	
		Paper ID: 28 Food Texture Evaluation Using Tooth-shaped Sensor and Statistic Model Hiroyuki Nakamoto*, Kobe University; Ninomae Souda, Kobe University; Daisuke Nishikubo, Kobe University; Futoshi Kobayashi, Kobe University	Paper ID: 15 Behavior Analysis of RBM for Estimating Latent Factor Vectors from Rating Matrix Hiroki Shibata*, Tokyo Metropolitan University; Yasufumi Takama, Tokyo Metropolitan University	Paper ID: 124 A Study on Dementia Detection Method with Stroke Data using Anomaly Detection Koya Kawanishi*, Mie University; Hiroharu Kawanaka, Mie University; Haruhiko Takase, Mie University; Shinji Tsuruoka, Mie University	
3th	10:40 12:00	ICIEV Session 1-4 Paper ID: 36 Detection of Primary User Emulation Attack in Cognitive Radio Environment Khaled Mohammed Saifuddin*, Khulna University of Engineering and Technology; Kazi Fahid Reza, Khulna University of Engineering and Technology; Masud An Nur Islam Fahim, Khulna University of Engineering & Technology; Sk. Shariful Alam, Khulna University of Engineering and Technology	ICIEV Session 2-4 Paper ID: 76 Towards Developing a Learning Tool for Children with Autism Muhammad Nazrul Islam*, Military Institute of Science and Technology (MIST)	ICIEV Session 3-4 Paper ID: 6 Automatic tracking method for multiple honeybees using backward-play movies Toshifumi Kimura*, University of Hyogo	
		#N/A	Paper ID: 107 Developing a Method for Detecting Serial and Parallel Components in Programs Md. Amdadul Haque, CUET, Chittagong; Rezaul Karim, University of Chittagong (CU); Mohammad Shamsul Arefin*, CUET, Chittagong; Yasuhiko Morimoto, Hiroshima University	Paper ID: 30 Histopathological Breast Image Classification by Convolutional Neural Network Abdullah Nahid*, Macquarie University; Yinan Kong, Macquarie University	
		Paper ID: 82 A 100nW 10-bit 400S/s SAR ADC for Ultra Low-Power Bio-Sensing Applications Hugo França*, EPFL; Milad Ataei, EPFL; Alexis Boegli, EPFL; Pierre-André Farine, EPFL	#N/A	Paper ID: 57 A Method for Calculating the Resonant Frequency of Meander Line Dipole Antenna by Using Antenna's Geometrical Parameters Md. Rahman*, Rajshahi University of Engineering & Technology; Ajay Sarkar, Rajshahi University of Engineering and Technology, Bangladesh	
		#N/A	#N/A	Paper ID: 23 A New Chaos Based Medical Image Encryption Scheme Sakib Mostafa*, Khulna University of Engineering & Technology; Masud An Nur Islam Fahim, Khulna University of Engineering & Technology; A. B. M. Aowlad Hossain, Khulna University of Engineering & Technology	

Date	Time	ROOM1 (A202)	ROOM2 (A203)	ROOM3 (A208)	ROOM4 (A206)
3th	15:20	ICIEV Session 1-5	ICIEV Session 2-5	ICIEV Session 3-5	
	16:40	Paper ID: 85 Graphene Based Circular Patch Terahertz Antenna Using Novel Substrate Materials Sakibul Azam*, University of Chittagong; Md. Abdul Kaium Khan, University of Chittagong; Towqir Ahmed Shaem, University of Chittagong; Abdullah Zowad Khan, University of Chittagong	Paper ID: 44 Addressed Query Gossip Resource Discovery Protocol for Mobile P2P Networks and Its Performance in Diverse Mobility Models Ohn Sornil*, National Institute of Development Administration	Paper ID: 96 A Reliability Improvement Method for Reconfgurable Information and Oil Production Control systems Iakov Korovin, Southern Federal University; Eduard Melnik, SRI MCS SFEDU; Anna Klimenko*, SRI MCS SFEDU; Gerald Schaefer, Loughborough University	
		Paper ID: 77 Design And Development of A Wide Band Monopole Blade Antenna for Aircraft Navigation and Communication Nazmus Saaqib, Military Institute of Science And Technology; Tonmoy Sarker*, Military Institute of Science And Technology; Naimur Rahman, Military Institute of Science And Technology; Ludmila Emdad Khan, Military Institute of Science And Technology; Pran Kanai Saha, BUET	Paper ID: 113 Developing a Framework for Recommending TV Shows Chondrima Chowdhury, Department of CSE, CUET; Mohammad Shamsul Arefin*, CUET, Chittagong; Yasuhiko Morimoto, Hiroshima University	Paper ID: 108 A Novel Method for Distribution of Goals among UAVs for Oil Field Monitoring Igor Kalyaev, Scientific Research Institute of Multiprocessor Computer and Control Systems, Co Ltd; Sergey Kapustyan, Southern Scientific Center of the Russian Academy of Sciences; Donat Ivanov, Southern Scientific Center of the Russian Academy of Science; Iakov Korovin*, Southern Federal University; Leonid Usachev, Southern Federal University; Gerald Schaefer, Loughborough University	
		Paper ID: 21 An Approach to Forecast Medicine Requirement for a Geographic Area at a Specific Time Period from Historical Medical Data of Bangladesh Mohaimen- Noor*, American International University- Bangladesh; Kawser Rushee, American International University-Bangladesh; Victor Rozario, American International University-Bangladesh; Faria Nawshin, American International University-Bangladesh; Khandaker Tabin Hasan, American International University - Bangladesh	#N/A	Paper ID: 109 Features of Detection of a Single-Photon Pulse at Synchronisation in Quantum Key Distribution Systems Anton Pjonkin, Southern federal university; Brij Gupta, National Institute of Technology; Konstantin Rummyantsev, Southern federal university; Iakov Korovin*, Southern Federal University; Gerald Schaefer, Loughborough University	
	#N/A	#N/A	Paper ID: 110 Neural Network Model of Pumping Units in Oil Preparation and Pumping Complex Iakov Korovin*, Southern Federal University; Maxim Khisamutdinov, Southern Federal University; Anatoly Kalyaev, Southern Federal University; Donat Ivanov, Southern Scientific Center of the Russian Academy of Science; Gerald Schaefer, Loughborough University		
3th	16:40	ICIEV Session 1-6	ICIEV Session 2-6	ICIEV Session 3-6	
	18:00	Paper ID: 67 Analysis of classification results for the nursing-care text evaluation using convolutional neural networks Manabu Nii*, University of Hyogo; Yuya Tsuchida, University of Hyogo; Yusuke Kato, University of Hyogo; Atsuko Uchinuno, University of Hyogo; Reiko Sakashita, University of Hyogo	Paper ID: 46 Predicting Stock Movement using Sentiment Analysis of Twitter Feed Pranjal Chakraborty*, BRAC University, Ummay Sani Pria, BRAC University; Rashad Al Hasan Rony, BRAC University; Mahbub Alam Majumdar, BRAC University	Paper ID: 114 A Statistical Method for Estimating the Accuracy of Scene Reconstruction using a Collinear Digital Stereo Vision System Konstantin Rummyantsev, Southern federal university; Sergey Kravtsov, Southern Federal University; Iakov Korovin*, Southern Federal University; Gerald Schaefer, Loughborough University	
		Paper ID: 123 Automated estimation of mTS score in hand joint X-ray image using machine learning Atsuki Tashita*, University of Hyogo; Kento Morita, University of Hyogo; Manabu Nii, University of Hyogo; Natsuko Nakagawa, Hyogo Prefectural Kakogawa Medical Center; Syoji Kobashi, University of Hyogo	#N/A	Paper ID: 115 Application of Neural Networks for Modelling Centrifugal Pumping Units of Booster Pump Stations for a Two-Phase Gas-Liquid Mixture Iakov Korovin*, Southern Federal University; Anatoly Kalyaev, Southern Federal University; Maxim Khisamutdinov, Southern Federal University; Donat Ivanov, Southern Scientific Center of the Russian Academy of Science; Gerald Schaefer, Loughborough University	
		Paper ID: 68 Tongue movement classification in chewing and swallowing using electromyography Manabu Nii*, University of Hyogo; Shota Okajima, University of Hyogo; Reiko Sakashita, University of Hyogo; Misao Hamada, Social Welfare Corporation Lavita; Syoji Kobashi, University of Hyogo	#N/A	Paper ID: 112 Monitoring Daily Variations of Atmospheric Electric Fields using Data Mining Methods Anatoly Adzhiev, High-Mountain Geophysical Institute; Lianna Malkandueva, High-Mountain Geophysical Institute; Anton Boldyreff, Southern Federal University; Dmitry Bespalov, High-Mountain Geophysical Institute; Iakov Korovin*, Southern Federal University; Gerald Schaefer, Loughborough University	
	#N/A	Paper ID: 79 Audio Zero Watermarking for MP3 Based on Low Frequency Energy Kexin Wang*, Xi'an Jiaotong University; Chen Li, Xi'an Jiaotong University; Lihua Tian, Xi'an Jiaotong University	#N/A		