

			Room 1	Room 2	Room 3	Room 4	
16-Jun	8:40	9:00	Opening cemony				
	9:00	9:40	<p style="text-align: center;">Keynote speech (Main Room) Yasushi Yagi, Osaka University, JAPAN BEHAVIOR UNDERSTANDING BASED ON INTENTION-GAIT MODEL</p>				
	9:40	10:00	Coffee break & GC Poster session tour (2F Lounge)				
10:00	11:20	T1	Chair	[SS: Computational Intelligences for Healthcare and Rehabilitation I] Chairs: Takenori Obo (Univ of Malaya)	[SS: Intention Understanding from Visual Observation] Chairs: Ikuhisa Mitsugami (Osaka Univ)	[GS: Clustering and its applications] Chairs: Katsuhiko Honda (Osaka Pref Univ)	[GS: Facial image recognition and machine learning] Chairs: Shahera Hossain (University of Asia Pacific, Bangladesh)
			1	[invited] Toward Evaluation of Simulator-based Training Using Physiological Index, Koji Murai (Kobe Univ)	[invited] 3-D Gait Measurement and Analysis, Ikuhisa Mitsugami (Osaka Univ)	[79] A Study on Partition Quality of Fuzzy Co-clustering with Exclusive Item Memberships, Katsuhiko Honda* (Osaka Prefecture Univ)* Takaya Nakano (Osaka Prefecture Univ) Seiki Ubukata (Osaka Prefecture Univ) Akira Notsu (Osaka Prefecture Univ)	[35] Facial Gender Recognition using Parallel Learning Method, Tong Cui* (Cetc28)* Chang Liu () Xin Xu () Jun Ge ()
			2	[invited] 3D Reconstruction of Human Body with Arthroscopy, Kouki Nagamune (Univ of Fukui)	[invited] Time-series Range Data Analysis for Pedestrian Group Segmentation, Kazuhiko Sumi (Aoyama Gakuin Univ)	[78] A Semi-supervised Fuzzy Co-clustering Framework and Application to Twitter Data Analysis, Katsuhiko Honda* (Osaka Prefecture Univ)* Seiki Ubukata (Osaka Prefecture Univ) Akira Notsu (Osaka Prefecture Univ) Norimitsu Takahashi (Change Co., Ltd.) Yutaka Ishikawa (Nightley, Inc.)	[104] Face Recognition using Euler Principal Component Analysis, Yinn Xi Boon* (Sunway Univ)* Sue Inn Ch'ng (Sunway Univ)
			3	[59] Unknown Object Extraction for Robot Partner using Depth Sensor, Hiroyuki Masuta* (Toyama Pref Univ)* Shinichiro Makino () Lim Hun-ok () Tatsuo Motoyoshi () Ken'ichi Koyanagi () Toru Oshima ()	[invited] Eye-head coordination for visual perception and attention, Satoshi Shioiri (Tohoku Univ)	[77] A Privacy-preserving Crowd Movement Analysis by k-member Clustering of Face Images, Katsuhiko Honda* (Osaka Prefecture Univ)* Masahiro Omori (Osaka Prefecture Univ) Seiki Ubukata (Osaka Prefecture Univ) Akira Notsu (Osaka Prefecture Univ)	[invited] Constructing On-Line Fuzzy Classifiers using Confidence-Weighted Learning, Tomoharu Nakashima (Osaka Pref. Univ)
			4	[89] Multi-channel Bayesian Adaptive Resonance Associative Memory for Environment Learning and Topological Map Building, Wei hong Chin* (Univ of Malaya)* chu kiong loo (Univ of Malaya) Naoyuki Kubota (Tokyo Metropolitan Univ)	[invited] Analysis of Gait Changes Caused by Gaze Direction Changes, Hirotake Yamazoe (Osaka Univ)	[173] Cattle Classifications System using Fuzzy K- Nearest Neighbor Classifier, Hamdi Mahmoud* (Univ BeniSuef)* Hagar Elhadar (BeniSuef Univ) Farid Mousa (BeniSuef Univ) Aboul Hassanien (Cairo Univ)	[invited] Theory, Methodology, Engineering Applications, Real-time Implementations of Particle Filters, Norikazu Ikoma (Kyushu Institute of Technology)
11:20	12:40	T2	Chair	[SS: Computational Intelligences for Healthcare and Rehabilitation II] Chairs: Takenori Obo (Univ of Malaya)	[GS: Network control system] Chairs: Gerald Schaefer(Loughborough Univ)	[GS: Optimization] Chairs: Manabu Nii (Univ of Hyogo)	[GS: Recent Advances in Intelligent Theory] Chairs: Syoji Kobashi (Univ. of Hyogo)
			1	[invited] Healthcare Monitoring System for Swallowing by Wearable Sensors, Naomi Yagi (Kyoto Univ)	[92] Static Output Feedback Control Design for Takagi-Sugeno Descriptor Fuzzy Systems, Jun Yoneyama* (Aoyama Gakuin U, JP)* Kenta Hoshino (Aoyama Gakuin Univ)	[119] Search Performance for Solving Combinatorial Optimization Problems by a Hopfield Network with Applying Iterative Partial Constraints, Hiroshi Wakuya* (Saga Univ)* Kohei Nakata (Saga Univ) Hideaki Itoh (Saga Univ) Sang-Hoon Oh (Mokwon Univ) Yong-Sun Oh (Mokwon Univ)	[34] IR-UWB Transceiver for the Detection of Survivors Buried in Debris, Mohammed Saifuddin Munna* (Premier Univ Chittagong)* Sabrina Tarannum (Premier Univ , Chittagong) Biki Barua (Premier Univ , Chittagong) Kazi Rahman (Premier Univ , Chittagong)
			2	[132] Multicolor and Multiple QR Code based Information Support System during Disaster for Elderly People, Bakhtiar Yusuf* (Tokyo Metropolitan Univ)* Takashi Kato (Tokyo Metropolitan Industrial Tech Research Inst) Mime Hashimoto (Tokyo Metropolitan Univ) Takahiro Takeda (Tokyo Metropolitan Univ)	[95] A Hardware Approach for Organisation of Software Defined Network Switches based on FPGA, Anatoly Kalyaev (Southern Federal Univ) Iakov Korovin (Southern Federal Univ) Maxim Khisamutdinov (Southern Federal Univ) Gerald Schaefer* (Loughborough Univ)* Md. Atiqur Rahman Ahad (Loughborough Univ)	[147] Tanker Truck Scheduling using Evolutionary Computation with GPGPU, Manabu Nii* (Univ of Hyogo)* Yuichi Ishibashi (Univ of Hyogo) Takuya Iwamoto (Univ of Hyogo) Daisaku Kimura (Azbil Corporation)	[105] An Ada-Random Forests Based Grammatical Facial Expressions Recognition Approach, Md. Taufeeq Uddin* (International Islamic Univ Chittagong)*

		[156] On Relationship Analysis of Health Examination Items Using Self-Organizing Maps, Hiroaki Komori (Univ of Hyogo) Syoji Kobashi (Univ of Hyogo) Naotake Kamiura* (U Hyogo)* Yutaka Hata (Univ of Hyogo)	[86] A Novel Method of Organisation of a Software Defined Network Control System, Anatoly Kalyaev (Southern Federal Univ) Iakov Korovin (Southern Federal Univ) Maxim Khisamutdinov (Southern Federal Univ) Gerald Schaefer* (Loughborough Univ)* Md. Atiqur Rahman Ahad (Univ of Dhaka)	[63] Constrained Solid Travelling Salesman Problem Using Adaptive Genetic Algorithm in Uncertain Environment, Arindam Roy* (Prabhat Kumar College, Contai)* Samir Maity () Manoranjan Maiti (Vidyasagar University)	[154] Automated Blog Feedback Prediction with Ada-Boost Classifier, Md. Taufeeq Uddin* (International Islamic Univ Chittagong)*	
		[162] Lifelog Visualization for Elderly Health Care in Informationally Structured Space, Takenori Obo* (Univ of Malaya) Habeebah Kakud () Yuri Yoshihara () chu kiong loo (Univ of Malaya) Naoyuki Kubota (Tokyo Metropolitan Univ)	[invited] Classifier ensembles for thermography-based breast cancer diagnosis, Gerald Schaefer(Loughborough Univ)	[73] Genetic Algorithm and Local Search Comparison for Solving Bi-objective p-Median Problem, Panwadee Tangpattanakul* (GISTDA-Thailand)*	[113] An Extremely Randomized Trees Approach for Gesture Unit Segmentation, Md. Taufeeq Uddin* (International Islamic Univ Chittagong)*	
12:40	13:30	Lunch on Seminar (Main Room) Kazunori Fujise, Hakata Pilot Association, JAPAN POD PROPULSION SYSTEM IN LARGE CRUISE VESSEL				
13:30	14:50	T3 Chair	[SS: Visual Understanding with RGB-D Sensors] Chairs: Masakazu Morimoto (Univ of Hyogo)	[SS: Vision and Sensing for Pervasive Applications I] Chairs: Sozo Inoue, Kenichi Asami, and Hiroshi Kimura	[GS: Electronics & Green Technology] Chairs: Md. Atiqur Rahman Ahad (Univ of Dhaka)	[GS: Sensing Technology] Chairs: Takayuki Fujita (Univ of Hyogo)
		1	[70] A Bread Recognition System using RGB-D Sensor, Masakazu Morimoto* (Univ of Hyogo)* Akira Higasa (Univ of Hyogo)	[invited] Pervasive Sensing for Nursing and Smart Energy Applications, Sozo Inoue (Kyushu Inst of Tech)	[99] Improvement in Power Quality using Fryze Conductance Algorithm controlled Grid connected Solar PV system, RAVI TRIATH* (Kyushu Inst of Tech)* Tsuyoshi Hanamoto (Kyushu Inst of Tech)	[174] Multiple Drosophila Tracking and Posture Estimation Algorithm, Pudith Sirigrivatanawong (Tohoku Univ) Shogo ARAI* (Tohoku U, JP)* Koichi HASHIMOTO (Tohoku Univ)
		2	[76] An Extraction and Recognition Method for Partially Hidden Objects, Takaaki Oka* (Univ of Hyogo)* Masakazu Morimoto (Univ of Hyogo)	[invited] The Assist-As-Needed Principle for Computer Agents, Tomohiro Shibata (Kyushu Inst of Tech)	[177] Enhanced Absorption of Solar Energy in Elliptical GaAs Nanowire Array Solar Cells, Nazmus Sakib* (Univ of Dhaka)* Md. Atiqur Rahman Ahad (Univ of Dhaka)	[68] A Spatiotemporal Motion Variation Features Extraction Approach for Human Tracking and Pose-based Action Recognition, Ahmad JALAL* (POSTECH)* Shaharyar Kamal (Kyung Hee Univ) Adnan Farooq (Kyung Hee Univ) Daijin Kim (POSTECH)
		3	[80] A Study of Automatic Classification of Sleeping Position by a Pressure-sensitive Sensor, Aya Mineharu (KIT) NORIAKI KUWAHARA* (KIT)* Kazunari Morimoto (KIT)	[160] A Simple Sheet Bending Recognition for Augmenting a Two-dimensional Marker-based Response Analyzer, Motoki Miura* (Kyushu Inst of Tech)* Tei Sui (Kyushu Inst of Tech)	[124] A Comparative Analysis of Split-Ring Resonator Models, Tahir Ejaz* (NUST, Islamabad, Pakistan)* Hamood Ur Rahman (NUST, Islamabad, Pakistan) Afaq Shah (NUST, Islamabad, Pakistan) Tahir Zaidi (NUST, Islamabad, Pakistan)	[30] Human Daily Activity Recognition with Joints plus Body Features Representation Using Kinect Sensor, Ahmad Jalal (POSTECH) Yeonho Kim* (POSTECH)* Shaharyar Kamal (Kyung Hee Univ) Adnan Farooq (Kyung Hee Univ) Daijin Kim (POSTECH)
		4	[90] Feature selection of manifold learning using principal component analysis in brain MR image, Saadia Alam* (Univ of Hyogo)* Ryosuke Nakano (Univ of Hyogo) Syoji Kobashi (Univ of Hyogo) Naotake Kamiura (Univ of Hyogo)	[178] Tracking Small Object by Image Processing on Smart Phone – Calculating Baseball Pitch Speed –, Yosuke Yamaguchi* (Kyushu Inst of Tech)*	[164] High efficient ultra-thin and stable CdTe PV cell with Indium Telluride BSF, Mrinmoy Dey* (CUET)* M. A. Matin (CUET) N Amin (VLSI, Solar – UKM) Maitry Dey (PUC)	[65] A Vision based Landing Spot Searching for Unmanned Aerial Vehicle using Satellite Image, Keunyoung Park* (Konkuk Univ)* Doohyun Kim (Konkuk Univ, Embedded Computing Lab) Dongwoon Jeon (Konkuk Univ, Embedded Computing Lab)
14:50	16:10	T4 Chair	[SS: Medical Image Understanding] Chairs: Hiroharu Kawanaka (Mie Univ)	[SS: Vision and Sensing for Pervasive Applications II] Chairs: Sozo Inoue, Kenichi Asami, and Hiroshi Kimura,	[GS: Image Processing] Chairs: Atsuo Yoshitaka (JAIST)	[GS: VLSI, Circuits and Systems] Chairs: Norikazu Ikoma (Kyushu Inst of Tech)
		1	[193] A Study on Keyword Detection Using Weighted Similarity and Character Sequence for Low-resolution Medical Documents, Makoto Kawamura* (Mie Univ)* Hiroharu Kawanaka (Biomedical Systems, Applications in Medicine – Mie U) Shunsuke Doi (Chiba Univ Hospital)	[invited] Case Study of Interaction Design: Assist Robot for Walking Rehabilitation, Kaori Yoshida (Kyushu Inst of Tech)	[7] Non-contact Auto Identification and Spatial Information Detection Based on Ring Code, Bowen Peng* (The Univ of Manchester)* Xin Qiao (Fukuoka Inst of Tech) Nadim Hossain () Chao Zuo (Beijing Jiaotong Univ) Min Zhang () Shuping Dang ()	[102] FRIT Based PI Tuning for Speed Control of PMSM using FPGA for High Frequency SiC MOSFET Inverter, Charles Harahap* (Kyushu Inst of Tech)* Tsuyoshi Hanamoto (Kyushu Inst of Tech)
		2	[97] Integrating motion controlled interface and mobility into 3D PACS for surgery, Ben Joonyeon Park* (Asan Medical Center)* Taekjin Jang (Asan Medical Center) Jong Woo Choi (Asan Medical Center) Namkug Kim (Asan Medical Center)	[181] Scene Recognition Based on Gradient Feature for Autonomous Mobile Robot and Its FPGA Implementation, Tsukasa Nakamura* (Kyushu Inst of Tech)* Yasufumi Touma (Kyushu Inst of Tech) Hayato Hagiwara (Kyushu Inst of Tech) Kenichi Asami (Kyushu Inst of Tech) Mochimitsu Komori (Kyushu Inst of Tech)	[96] An Adaptive Distance-based Edge Preserving Interpolation Algorithm for Natural Images, Abhinash Kumar Jha (The LNM Inst of Information Tech) Ayush Kumar (Stony Brook Univ) Gerald Schaefer* (Loughborough Univ)* Md. Atiqur Rahman Ahad (Univ of Dhaka)	[157] Optical biosensor chip technology for biochemical oxygen demand monitoring in environmental samples, Masayasu Suzuki* (Univ of Toyama)* Md. Abul Kashem (Univ of Toyama, Japan)
		3	[invited] Image Registration Method for Detecting of Temporal Changes in Thoracic MDCT Image, Hyoungeop Kim (Kyushu Inst of Tech)	[183] 3D Map Construction Based on Structure from Motion Using Stereo Vision, Daiki Kitayama* (Kyushu Inst of Tech)* Yasufumi Touma (Kyushu Inst of Tech) Hayato Hagiwara (Kyushu Inst of Tech) Kenichi Asami (Kyushu Inst of Tech) Mochimitsu Komori (Kyushu Inst of Tech)	[159] SVD Aided Eigenvector Decomposition to Compute PCA and its Application in Image Denoising, MD MOSADDIK HASAN* (JAIST)* Biswajit Bala (MBSTU) Atsuo Yoshitaka (JAIST)	[191] Surface structure study and structure determination of $(\sqrt{3} \times \sqrt{3})R 30^\circ$ phase of Si-adsorption on Ni(111) by LEED, Md. Sazzadur Rahman* (Kyushu Univ)* Mohammad Kibria (Kyushu Univ) Takeshi Nakagawa (Kyushu Univ) Seigi Mizuno (Kyushu Univ)

		4	[invited] Patch-based Machine Learning and Deep Learning in Medical Image Processing and Diagnosis, Kenji Suzuki (Univ of Chicago)	[182] FPGA-based Stereo Vision System Using Census Transform for Autonomous Mobile Robot, Kaichiro Nakazato* (Kyushu Inst of Tech)* Yasufumi Tsuma (Kyushu Inst of Tech) Hayato Hagiwara (Kyushu Inst of Tech) Kenichi Asami (Kyushu Inst of Tech) Mochimitsu Komori (Kyushu Inst of Tech)	[32] IMAGE QUALITY ASSESSMENT WITH VISUAL SENSITIVITY, Tien-Ying Kuo* (National Taipei Univ of Tech)* Cheng-Mou Tsai (National Taipei Univ of Tech) Cheng-Pin Chuang (National Taipei Univ of Tech) Shao-Jung Chuang (National Taipei Univ of Tech)	[179] Study of TLC Application for 1 Mbit Embedded Non-overlapped implantation NVM, ShangWei Chou* (Department of Electronic Engin)* Hong-Xiu Chen () ChangHsuan Wu () MingTsung Lin () Erik S. Jeng ()
16:10	16:30		Coffee break & GC Poster session (2F Lounge)			
16:30	17:10		<p>Keynote speech (Main Room)</p> <p>Shinichi Yoshiya, Hyogo College of Medicine, JAPAN</p> <p>USE OF COMPUTER TECHNOLOGY IN EVALUATION AND SURGERY IN ORTHOPAEDIC SURGERY</p>			
17:10	17:50		<p>Keynote speech (Main Room)</p> <p>Toshio Fukuda, Meijo University, Nagoya University, Japan</p> <p>TBA</p>			
17:10	18:10	T6	Chair	[SS: Informatics and Vision for Biomedical Fuzzy Systems and Human Sciences] Chairs: Masahiro Nakano, Toru Yukimasa, Yusuke Uozumi		
			1	[188] The possibility of deterioration of Autonomic nerve activity in depression, Toru Yukimasa* (Univ of Occupational and Environmental Health)*		
			2	[186] Model Study of Composite Particle Production in Medium-energy Nuclear Reaction, Yusuke Uozumi* (Kyushu Univ)* Akifumi Sonoda (Kyushu Univ) Masahiro Nakano (Junshin Gakuen Univ)		
			3	[187] Classical Vector Analysis to Study Angular Momentum of Evaporated Protons, Yuji Yamaguchi (Kyushu Univ) Yusuke Uozumi* (Kyushu Univ)* Masahiro Nakano (Junshin Gakuen Univ)		
			4	[185] Precise Analysis of Head Deformation at Falling Shock, Masahiro Nakano* (Junshin Gakuen Univ)* Makoto Yamanaka (Graduate School of Health Care Sciences, Jikei Inst) Hiroyuki Matsuura (National Center for Geriatrics and Gerontology) Masaaki Tamagawa (Kyushu Inst Tech) Toru Yukimasa (Univ of Occupational and Environmental Health)		
19:00	21:00		Award Ceremony & Banquet (Rihga Top @ Rihga Royal Hotel)			
17-Jun	8:00	8:40		<p>Keynote speech (Main Room)</p> <p>Matthew Turk, University of California, Santa Barbara, US</p> <p>COMPUTER VISION AND AUGMENTED REALITY FOR MOBILE REMOTE COLLABORATION</p>		
	8:40	9:00		Coffee break & Even Number Poster session tour (2F Lounge) (2F Lounge)		

9:00	10:20	W1	Chair	[SS: Biomedical Imaging and Related Information Technology I] Chairs: Md. T. I. Khan and Naohiro Ueno (Saga Univ)	[SS: Intelligent Processing in Medical and Welfare Devices] Chairs: Noboru Takagi and Koki Nagamune	[SS: Sensing system and integrated system for social welfare] Chairs: Seiichi Serikawa	[GS: Robotics & Mechatronics] Chairs: Takahiro Takeda (Tokyo Metropolitan Univ)	
				1	[invited] Informationally Structured Space Based on Life Hub for Community-centric Systems, Naoyuki Kubota (Tokyo Metropolitan Univ)	[45] A Homogeneous Region Based Methodology for Text Extraction from Natural Scene Images, Jianjun Chen (Toyama Pref Univ) Noboru Takagi* (Toyama Pref Univ)*	[134] Improvement of Automatic Fire Extinguish System for Residential Use, Hayato Takahashi* (KCT)* Yuhki Kitazono (NIT, Kitakyushu college) Masahiko Hanada () Hiromichi Hanada () Kanya Mizuguchi () Akinori Fujimoto () S Serikawa (KIT)	[153] Design and Navigation Prospective for Wireless Power Transmission Robot, Mohammad Shidujaman* (National Taipei Univ)* Hooman Samani (National Taipei Univ) Lenis Tejada Rodriguez (National Taipei Univ)
				2	[31] Hand Sign Classification Techniques Based on Forearm Electromyogram Signals, Takeshi Tsujimura* (Saga Univ)* Kosuke Urata (Saga Univ) Kiyotaka Izumi (Saga Univ)	[84] Visual Saliency of Character Feature in an Image, Taira Nagashima* (Toyama Pref Univ)* Hironobu Takano () Kiyomi Nakamura ()	[136] Depth Measurement Method with Applying Stereo Vision to One-Dimensional Brightness Distribution Sensors, Shota Nakashima* ()* Shingo Aramaki (Yamaguchi Univ) Tatsuya Ichikawa (Ube Machinery Corporation, Ltd.) Shengjin Mu (Control Engrn – Hiroshima National College of Maritime Technology)	[52] Intelligent Path Guidance Robot for Blind Person Assistance, Siti Fauziah Toha* (Int. Islamic Uni Malaysia)* Hazlina Md Yusof (International Islamic Uni Malaysia)
				3	[44] Extraction of Mechanoluminescent Pattern Based on Afterglow Images, Naohiro Ueno* (Saga Univ)* Kouki Iwasaki (Saga Univ) Chao-Nan Xu (AIST) Yuki Fujio (AIST)	[109] 3D Interactive Tracing Teaching System with Anatomical Model: a Pilot Study of System Configuration, Yosuke Uozumi* (Univ of Fukui)* Kouki Nagamune (Biomedical Systems, Applications in Medicine – U Fukui)	[138] An Extending Method of Operable Distance for Infrared Remote Controlled Power Switch with Zero Stand-by Power, Akira Yamawaki* (Kyushu Inst of Tech)* Seiichi Serikawa (Kyushu Inst of Tech)	[3] Novel Approach of IPMC Actuated Finger for Micro-Gripping, Srijan Bhattacharya* (RCC Inst of Information T)* Bikash Bepari (Haldia Inst of Tech Haldia, INDIA) Subhasis Bhaumik (Indian Inst of Engineering Science & Tech, Shibpur, Howrah, INDIA)
				4	[62] EMG Signals in Co-Activations of Lower Limb Muscles for Knee Joint Analysis, AKIRA SAKAMOTO* (Saga Univ)* Md Tawhidul Islam Khan (Saga Univ)	[176] A Development of Tension and Length Measurement System for Knee Bending Motion in Medial Patello-Femoral Ligament Reconstruction –A Pilot Study of System Configuration–, Kouki Nagamune* (Biomedical Systems, Applications in Medicine – U Fukui)* Shogo Kawaguchi (Univ of Fukui)	[150] Development of Battery-Shaped Device Unified Communication Line and Power Line, Daisuke Tanaka* (Kyushu Inst of Tech)* yang Shiyuan (Kyushu Inst of Tech) S Serikawa (KIT)	[115] An Autonomous Industrial Robot for Loading and Unloading Goods , MD Kadir (BRAC Univ) MD Chowdhury (BRAC Univ) Jaber Rashid (BRAC Univ) Shifur Shakil (BRAC Univ) MD RHAMAN* (BRAC Univ)*
10:20	11:40	W2	Chair	[SS: Biomedical Imaging and Related Information Technology II] Chairs: Md. T. I. Khan and Naohiro Ueno (Saga Univ)	[GS: Wireless network] Chairs: Naotake Kamiura (Univ of Hyogo)	[GS: Health Science] Chairs: Jyunyu Huang (Huazhong Univ of Science)	[GS: Human-Computer Interaction] Chairs: Maria Angeles (Univ National Autonoma)	
				1	[invited] Acoustic Emission Technique – an influential NDT tool in Damage Clarification and Source Location, Md. T. I. Khan	[42] New Feasible Grouping Algorithms for Virtual Link in AFDX Networks, YoungJun Cha () Juho Lim () SunYoung Lee () DongJin Kim () Ki-Il Kim* (GNU)*	[49] Design and Implementation of HCI based Visualizing Heading through Deep Learning Algorithms, Junyu Huang* (Huazhong Univ of Science)*	[11] Analysis of String encoding functions during de-duplication process, MARIA ANGELES* (UNIVERSIDAD NACIONAL AUTONOMA)* IUIS Perez-Franco (UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO)
				2	[invited] Texture analysis: Application and methods , Shahera Hossain (University of Asia Pacific, Bangladesh)	[51] Cross-Layer Mobility-Aware MAC Protocol for Cognitive Radio Sensor Network, Mahdi Zareei* (Universiti Teknologi Malaysia)* A.K.M. Muzahidul Islam (MJIT, Universiti Teknologi Malaysia) Nafees Mansoor (MJIT, Universiti Teknologi Malaysia) Sabariah Baharun (MJIT, Universiti Teknologi Malaysia)	[101] Tele-Assistance System for the Blinds using Video-Call with Remote Scene Construction, Nutnicha Maneesaeng* (Chulalongkorn Univ)* Proadpran Punyabukkana () Atiwong Suchato ()	[25] Comparison of a Modified Spanish phonetic, Soundex, and Phonex coding functions during data matching process, MARIA ANGELES* (UNIVERSIDAD NACIONAL AUTONOMA)* Adrian Espino-Gamez (Universidad Nacional Autonoma de Mexico) Jonathan Gil-Moncada (Universidad Nacional Autonoma de Mexico)
				3	[88] A Simple Imaging Technique for Atributing the Dynamic Motion of Knee Joint , Tomoaki Kurita* (Saga Univ)* Md Tawhidul Islam Khan (Saga Univ)	[128] A Novel Idea of Coupling Licensed and Unlicensed Users Using Distributed Harmonizing Algorithm (DHL) in Cognitive Radio Networks (CRNs) , Chowdhury Sajadul Islam* (CTH)* Mohammad Sarwar Hoss Mollah ()	[169] Simplified Processing of Video Data for Street Sensing Applications, Toufique Ahmed* (CSE, BUET)* Tanmoy Sen (CSE, BUET) Madhusudan Basak (CSE, BUET) Md Yusuf Sarwar Uddin (CSE, BUET)	[130] An Evaluation of Page Segment Recommendation System using User's Notes and N-Gram Models, Burin Thunnom* (Chiang Mai Univ)* Lachana Ramingwong (Chiang Mai Univ)
				4	[110] Improving Parameter Estimation in Dynamic Casual Modeling with Artificial Bee Colony Optimization, Kajornvut Ounjai* (King Mongkut's Univ of Tech Thonburi)* Boonserm Kaewkamnerdpong (King Mongkut's Univ of Tech Thonburi) Chalerd Pichitpornchai (Mahidol Univ)	[155] Future Internet Technologies: Hybrid CO-OFDM-TWDM PON and WLAN System for Fi-Wi Amelioration, Md. Sazzad Hossain* (RUET)* Md. Shamim Anower (RUET)	open	[158] Design and Implementation of an Efficient Bangla DeConverter for generating Bangla Sentences from UNL Expression, Md. Mridha* (UAP)* Aloke Saha (UAP) Molla Rashied Hussein (Univ of Asia Pacific)
11:40	13:00	Lunch (Flamingo café)						
		13:00	13:40	<p style="text-align: center;">Keynote speech (Main Room)</p> <p style="text-align: center;">Anton Nijholt, University of Twente, The Netherlands</p> <p style="text-align: center;">THE HUMOR CONTINUUM: FROM TEXT TO SMART ENVIRONMENTS</p>				

13:40	14:20			Keynote speech (Main Room) Takeshi Yamakawa, Fuzzy Logic Systems Institute, Japan MILD TREATMENT FOR EPILEPSY			
14:20	14:40			Coffee break & Odd Number Poster session tour (2F Lounge) (2F Lounge)			
14:40	16:00	W3	Chair	[SS: Application of Human Reliability Analysis for Marine Accidents] Chairs: Nobuo Mitomo	[GS: Industry Application] Chairs: Md Herwan Sulaiman (UMP)	[GS: Medical and Welfare Applications] Chairs: Shahera Hossain (University of Asia Pacific, Bangladesh)	[GS: Network technology] Chairs: Der-Rong Din (NCUE CSIE)
			1	[66] An Example of an Accident Analysis of Aircrafts Based on Human Reliability Analysis Method, Nobuo MITOMO* (Nihon Univ)* Kensuke HOMMA (Nihon Univ) Atsushi Hashimoto (Nihon Univ)	[74] An Application of Cuckoo Search Algorithm for Solving Combined Economic and Emission Dispatch Problem, Mohd Herwan Sulaiman* (UMP)* Zuriani Mustaffa (UMP) Mohd Ruslim Mohamed (UMP) Nor Rul Hasma Abdullah (UMP)	[108] Design of elder-friendly auditory signals for microwave ovens, Naoki Kadota* (Kyushu Inst of Tech)*	[47] Multicast Protection Problem on Elastic Optical Networks Using Segment-base Protection, Der-Rong Din* (NCUE CSIE)* I-Ru Lai (Department CSIE NCUE)
			2	[67] A Study on Application to Marine Accident of Human Reliability Analysis Method, Atsushi Hashimoto* (Nihon Univ)* Nobuo MITOMO (Nihon Univ) Chihiro NISHIZAKI (NMRI)	[75] Training LSSVM with GWO for Price Forecasting, Zuriani Mustaffa* (UMP)* Mohd Herwan Sulaiman (UMP) Mohamad Nizam Mohmad Kahar ()	[121] People Re-identification Using 3D Descriptor with Skeleton Information, Shaghayegh Gharghabi* (Amirkabir Univ)* faraz shamshirdar (Amirkabir Univ of Tech (Tehran Polytechnic) taheer Abbas shangari (Amirkabir Univ of Tech (Tehran Polytechnic)) Farhad Maroofkhani ()	[127] Timing SCA Against HMAC to Investigate from the Execution Time of Algorithm Viewpoint, Chowdhury Sajadul Islam* (CTH)* Mohammad Sarwar Hoss Mollah ()
			3	[58] The Support for using the Cognitive Reliability and Error Analysis Method (CREAM) for Marine Accident Investigation, Kenji Yoshimura* (National Maritime Research Ins)* Takahiro Takemoto (Tokyo Univ of Marine Science and Tech) Nobuo MITOMO (Nihon Univ)	[111] A Two-Stage Approach to 2D DOA Estimation for a Compact Circular Microphone Array, Sergei Astapov* (Tallinn Univ. of Tech.)* Julia Berdnikova (Tallinn Univ. of Tech.) Jurgo Preden (Tallinn Univ. of Tech.)	[148] A study of Recursive Least Squares (RLS) adaptive filter algorithm in noise removal from ECG signals., Arya Chowdhury Mugdha* (Univ of Dhaka)* Ferdousi Sabera Rawnaque (Univ of Dhaka) Mosabber Ahmed (DU, BD)	[192] A Pilot decontamination approach using constrained optimization and subspace method for uplink Multiuser MIMO system, Faisal Ahmed* (Univ of Dhaka)* Mosabber Ahmed (Univ of Dhaka) Sheikh Atik (Univ of Dhaka)
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