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P1-I&VPA-(3)	Accurate Silhouette Segmentation using Motion Detection and Graph Cuts Daniel C.Y. Chen (<i>Queensland University of Technology, Australia</i>); Simon Denman (<i>Queensland University of Technology, Australia</i>); Clinton Fookes (<i>Queensland University of Technology, Australia</i>)
P1-I&VPA-()	Facial Expression Recognition Using Image Orientation Field in Limited Regions and MLP Neural Network Seyed Omid Shahdi (<i>Universiti Teknologi Malaysia, Malaysia</i>); Mohammad Poyan (<i>Department of Computer Engineering, Iran</i>); Syed A.R. Abu Bakar Al-Attas (<i>Universiti Teknologi Malaysia, Malaysia</i>)
P1-I&VPA-()	Fast intra/inter coding mode selection for H.264 encoder Chou-Chen Wang (<i>I-Shou University, Taiwan</i>); Huei-Shiung Lin (<i>I-Shou University, Taiwan</i>); Wei-Han Chen (<i>I-Shou University, Taiwan</i>)
P1-I&VPA-(6)	Image Retrieval using Contourlet Based Interest Points Hoang Nguyen (<i>Vietnam Television, Vietnam</i>); Thuong Le-Tien (<i>Ho Chi Minh city university of Technology, Vietnam</i>); Tuan Do-Hong (<i>Ho Chi Minh City University of Technology, Vietnam</i>); Cao Bui-Thu (<i>Ho Chi Minh City University of Industry, Vietnam</i>)
P1-I&VPA-()	An Intelligent Watermarking Algorithm Based On Genetic Programming Farzad Golshan (<i>IUST, Iran</i>); Karim Mohamadi (<i>IUST, Iran</i>)

P1-I&VPA-()	Fast Block Size Selection for H.264 Video-Downsize Transcoding Zhuo-Yi Lu (<i>Beijing University of Technology, P.R. China</i>); Wan-Chi Siu (<i>The Hong Kong Polytechnic University, Hong Kong</i>); Kebin Jia (<i>Beijing University of Technology, P.R. China</i>)
P1-I&VPA-()	Wavelet Based Logo Watermarking Using Repeating Patterns Mohammad Reza Soheili (<i>Tarbiat Moallem University, Iran</i>)
P1-I&VPA-()	Hidden Fuzzy Markov Chain Model With K Discrete Classes Ahmed Gamal-Eldin (<i>INRIA Sophia Antipolis 2004, France</i>); Fabien Salzenstein (<i>Université de Strasbourg, France</i>); Christophe Collet (<i>Louis Pasteur University, France</i>)
P1-I&VPA-()	An Efficient Disparity Algorithm Based on Adaptive Window Selection for 3D Reconstruction in Stereo Zeynab Mirzadeh (<i>University of Isfahan, Iran</i>); Parisa Moslemi (<i>Isfahan University of Technology, Iran</i>)
P2-SP2-()	Objective Evaluation of Phase and Magnitude Only Reconstructed Speech: New Considerations Erfan Loveimi (<i>Amirkabir University of Technology, Iran</i>); Mohammad Ahadi (<i>Amirkabir University of Technology, Iran</i>)
P2-SP2-()	Choice of Mel Filter Bank in Computing MFCC of a Resampled Speech Sunil Kumar Kopparapu (<i>Tata Consultancy Services, India</i>); Laxmi Narayana (<i>TCS Innovation Labs Mumbai, India</i>)
P2-SP2-()	Reconstructing missing speech spectral components using both temporal and statistical correlations Mohamad Mohsen Goodarzi (<i>Amirkabir University of Technology, Iran</i>); Farshad Almasganj (<i>Amirkabir University of Technology, Iran</i>); Mohammad Ahadi (<i>Amirkabir University of Technology, Iran</i>)
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P2-SP2-()	On-line learning of a Persian spoken dialogue system using real training data Maryam Habibi (<i>Sharif University of Technology, Iran</i>); Hossein Sameti (<i>Sharif University of Technology, Iran</i>); Hesam Setareh (<i>Sharif University of Technology, Iran</i>)

P2-SP2-()	Effect of GSM Speech Coding on the performance of Speaker Recognition System Debyeche Mohamed (<i>University of Technology Houari Boumediene, Algeria</i>); Krobba Ahmed (<i>USTHB University, Algeria</i>); Amrouche Abderrahmane (<i>LCPTS laboratory, Algeria</i>)
P2-SP2-()	Characterization of Wireless Communication Channel Based on Scattering Function Zaiton Sharif (<i>Universiti Teknologi Malaysia, Malaysia</i>); Ahmad Zuri Bin Sha'ameri (<i>Universiti Teknologi Malaysia, Malaysia</i>)
P2-SP2-(8)	A new algorithm for speaker identification using the dempster-shafer theory of evidence Mohamed Deriche (<i>King Fahd University of Petroleum & Minerals, Saudi Arabia</i>)
P2-SP2-()	Detection of Voice Onset Time using FB Expansion and AM-FM Model Ram Bilas Pachori (<i>Indian Institute of Technology, India</i>); Suryakanth Gangashetty (<i>IIT Hyderabad, India</i>)
P2-SP2-()	Arabic Speech-Controlled Wheelchair: A Fuzzy Scenario Uvais Qidwai (<i>Qatar University, Qatar</i>); Fatma Ibrahim (<i>Qatar University, Qatar</i>)
P2-SP2-()	Two-Stage Feature Compensation Of Clean And Telephone Speech Signals Employing Bidirectional Neural Network Iman Esmaili (<i>Shahed university, Iran</i>); Mansour Vali (<i>Shahed university, Iran</i>); Jahanshah Kabudian (<i>Research Center for Intelligent Signal Processing, Iran</i>)
P3-SP1-()	A low complexity joint compression-error detection-cryptography based on arithmetic coding Mahnaz Sinaie (<i>Iran University Of Science and Technology, Iran</i>); Vahid TabaTaba Vakili (<i>Iran University of Science and Technology, Iran</i>)
P3-SP1-()	Ordered Clustering: a way to simplify analysis of multichannel signals. Peter Boles (<i>Future Tec Pty Ltd, France</i>); Philippe Rabiller (<i>Rabiller Geo-Consulting, France</i>); Boualem Boashash (<i>University of Queensland, Australia</i>)
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P3-SP1-(4)	Compensation of signal with erasures via sparse representation into its significant subspace

	<p>Shiwen Deng (<i>Harbin Institute of Technology, P.R. China</i>); Jiqing Han (<i>Harbin Institute of Technology, P.R. China</i>)</p>
P3-SP1-()	<p>Multimodal Biometric System Using Face, Ear and Gait Biometrics</p> <p>Ali Pour Yazdanpanah (<i>Islamic Azad University of Najaf Abad, Iran</i>); Karim Faez (<i>Amirkabir University of Technology, Iran</i>); Rassoul Amirfattahi (<i>Isfahan University of Technology, Iran</i>)</p>
P3-SP1-(6)	<p>A Change-in-Modulation Based Cooperative Communication Scheme</p> <p>Aamir Shahzad (<i>Beihang University, P.R. China</i>); Rong Ke Liu (<i>Beihang University, P.R. China</i>)</p>
P3-SP1-()	<p>Impact of signal wavelength on the semiconductor optical amplifier gain uniformity for high speed optical routers employing segmentation model</p> <p>Ahmed Abd El Aziz Shalaby (<i>University of Northumbria, United Kingdom</i>); Wai Pang Ng (<i>Northumbria University, United Kingdom</i>); Z. Ghassemlooy (<i>Northumbria University, United Kingdom</i>); Moustafa Aly (<i>Arab Academy for Science, Technology & Maritime Transport, Egypt</i>); Razali Ngah (<i>Universiti Teknologi Malaysia, Malaysia</i>)</p>
P3-SP1-()	<p>Improved SPSA Optimization Algorithm Requiring a Single Measurement Per Iteration</p> <p>Amer Alhabsi (<i>Sultan Qaboos University, Oman</i>)</p>
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P4-BI&SPA-()	<p>Enhanced Newborn Seizure Detection</p> <p>Mohamed Salah H. Khelif (<i>University of Queensland, Australia</i>); Mostefa Mesbah (<i>University of Queensland, Australia</i>); Boualem Boashash (<i>University of Queensland, Australia</i>); Paul Colditz</p>

	(<i>University of Queensland, Australia</i>)
P4-BI&SPA-()	An estimate of neonatal EEG amplitude with limited frequency content Nathan Stevenson (<i>University College Cork, Ireland</i>); Irina Korotchikova (<i>University College Cork, Ireland</i>); Geraldine Boylan (<i>University College Cork, Ireland</i>)
P4-BI&SPA-()	Heuristic Evaluation for Automatic Radiology Reporting Transcription Systems Valéria Salvador (<i>Universidade de São Paulo, Brazil</i>); Lincoln Moura Jr. (<i>Universidade de São Paulo, Brazil</i>)
P4-BI&SPA-(5)	Morphology Analysis of Sputum Color Images for Early Lung Cancer Diagnosis Fatma Mohammed Taher (<i>Sharjah university, UAE</i>)
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P4-BI&SPA-()	Classification of Voice Disorders in Children with Cochlear Implantation and Hearing Aid Using Multiple Classifier Fusion Zeinab Mahmoudi (<i>Azad university of mashhad, Iran</i>); Saeed Rahati (<i>Azad University of Mashhad, Iran</i>); Vahid Asadpour (<i>Sadjad University, Iran</i>); Hamid Tayarani (<i>Mashhad Medical University, Iran</i>); Mohammad Mahdi Ghasemi (<i>Mashhad Medical University, Iran</i>)
P4-BI&SPA-()	Performance of Neural Network Architectures Intan Aidha Yusoff (<i>Universiti Sains Malaysia, Malaysia</i>); Nor Ashidi Mat Isa (<i>Universiti Sains Malaysia, Malaysia</i>); Siti Noraini Sulaiman (<i>Universiti Sains Malaysia, Malaysia</i>); Yessi Jusman (<i>Universiti Sains Malaysia, Malaysia</i>)
P4-BI&SPA-()	A model based method for deriving respiratory activity from photoplethysmographic signals K Venu Madhav (<i>Kakatiya Institute of Technology & Science, India</i>); M Raghuram (<i>Kakatiya Institute of Technology & Science, India</i>); E Hari Krishna (<i>Kakatiya Institute of Technology & Science, India</i>); K. Ashoka Reddy (<i>Kakatiya Institute of Technology & Science, India</i>)
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P4-BI&SPA-()	<p>R-wave detection: a comparative analysis of four methods using newborn piglet ECG</p> <p>Shiyong Dong (<i>The University of Queensland, Perinatal Research Group, UQCCR, Australia</i>); Fangfei Xu (<i>The University of Queensland, Perinatal Research Group, UQCCR, Australia</i>); Barbara Lingwood (<i>The University of Queensland, Perinatal Research Group, UQCCR, Australia</i>); Mostefa Mesbah (<i>University of Queensland, Australia</i>); Boualem Boashash (<i>Qatar University, Qatar</i>)</p>
P5-SPFC3-()	<p>An Observer Based Controller for the Synchronization of Two Chua's Circuits</p> <p>Mohamed Ahmed Zribi (<i>Kuwait University, Kuwait</i>); Mohamed Hassan (<i>Kuwait University, Kuwait</i>); Haitham Salim (<i>Kuwait University, Kuwait</i>)</p>
P5-SPFC3-()	<p>Detection of User Relationships in Networks Using Self-Organization Approach</p> <p>Qurban Ali Memon (<i>United Arab Emirates University, UAE</i>)</p>
P5-SPFC3-()	<p>A Reconfigurable Digital Signal Processor using Residue Number System</p> <p>Sharbari Banerjee (<i>West Bengal University of Technology, India</i>); Amitabha Sinha (<i>West Bengal University of Technology, India</i>)</p>
P5-SPFC3-()	<p>Acoustic echo cancellation using a computationally efficient transform domain LMS adaptive filter</p> <p>E Hari Krishna (<i>Kakatiya Institute of Technology & Science, India</i>); M Raghuram (<i>KITS, Warangal, AP, India</i>); K Venu Madhav (<i>Kakatiya Institute of Technology & Science, India</i>); K. Ashoka Reddy (<i>Kakatiya University, India</i>)</p>
P5-SPFC3-(5)	<p>Sidelobe Suppression in OFDM-based Cognitive Radio Systems</p> <p>Negin Sokhandan (<i>Amirkabir university of technology, Iran</i>); Seyed-Mostafa Safavi-Hamami (<i>Amirkabir University of Technology, Iran</i>)</p>
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P5-SPFC3-()	<p>CFAR Detectors in Presence of Jammer Noise</p> <p>Amir Zaimbashi (<i>Iran</i>); Abbas Sheikhi (<i>Shiraz University, Iran</i>)</p>
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	Nafise Janatian (<i>Isfahan University of Technology, Iran</i>); Mahmood Modarres-Hashemi (<i>Isfahan University of Technology, Iran</i>); Abbas Sheikhi (<i>Shiraz University, Iran</i>)
P5-SPFC3-()	Fuzzy-Based PID Active Queue Manager For TCP/IP Networks Mohammadi (<i>University of Zanjan, Iran</i>)
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P6-AIA-()	A New Common Subexpression Elimination Algorithm With Application in Composite Field AES S-Box Wong Ming Ming (<i>Swinburne University of Technology (Sarawak Campus), Malaysia</i>); M. L. Dennis Wong (<i>Swinburne University of Technology (Sarawak Campus), Malaysia</i>)
P6-AIA-(4)	Objective Perceptual Evaluation of Halftoning Using Image Quality Metrics Patrick Itoua (<i>University of Paris 13, France</i>); Patrick Viaris (<i>University of Paris 13, France</i>); Azeddine Beghdadi (<i>L2TI, France</i>)
P6-AIA-()	Evaluation of wavelets for reduction of motion artifacts in photoplethysmographic signals M Raghuram (<i>KITS, Warangal, AP, India</i>); K Venu Madhav (<i>Kakatiya Institute of Technology & Science, India</i>); E Hari Krishna (<i>Kakatiya Institute of Technology & Science, India</i>); K. Ashoka Reddy (<i>Kakatiya University, India</i>)
P6-AIA-(6)	A New Adaptive Image Post-treatment for Deblocking and Deringing based on Total Variation method Quoc Bao DO (<i>University of Paris 13, France</i>); Azeddine Beghdadi (<i>L2TI, France</i>); Marie Luong (<i>L2TI, France</i>)
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	Ha Nguyen (<i>Sony Electronics Inc., USA</i>); Nguyen Linh-Trung (<i>Vietnam National University, Hanoi, Vietnam</i>)
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	<p>Michal Haindl (<i>Institute of Information Theory and Automation, Czech Republic</i>); Vojtech Havlicek (<i>Institute of Information Theory and Automation, Czech Republic</i>); Jiri Grim (<i>Institute of Information Theory and Automation, Czech Republic</i>)</p>
P7-PR&DM-(5)	<p>A Mean Shift and Non-Negative PCA Based Color Image Segmentation Approach</p> <p>Chenaoua S. Kamal (<i>King Fahd University of Petroleum & Minerals, Saudi Arabia</i>)</p>
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P8-SC&NLP-()	Handwritten Arabic Numerals Recognition using Multi-span features & Support Vector Machines Sabri Mahmoud (<i>King Fahd University of Petroleum & Minerals, Saudi Arabia</i>); O. S. Olusanya (<i>Saudi Arabia</i>)
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	Suraiya Md Noor (<i>Universiti Sains Malaysia, Malaysia</i>); Muhammad Khusairi Osman (<i>Universiti Teknologi Mara (UiTM), Malaysia</i>)
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P9-MIPER-()	A Simple Heuristic Search Method for the Automatic Generation of Neural-Based Game Artificial Intelligence Architectures in Ms. Pac-Man Tse Guan Tan (<i>Universiti Malaysia Sabah, Malaysia</i>); Jason Teo (<i>Universiti Malaysia Sabah, Malaysia</i>); Patricia Anthony (<i>Universiti Malaysia Sabah, Malaysia</i>)
P9-MIPER-()	Vision-Based Automated Parking System Hamada Al-Absi (<i>Universiti Teknologi PETRONAS, Malaysia</i>); Patrick Sebastian (<i>Universiti Teknologi PETRONAS, Malaysia</i>); Justin Devaraj (<i>Software AG Malaysia Malaysia, Malaysia</i>); Vooi Voon Yap (<i>University Tunku Abdul Rahman, Malaysia</i>)

P9-MIPER-()	<p>Enhancement of Background Subtraction Approach for Image Segmentation</p> <p>Ali Salem Bin Samma (<i>Universiti Sains Malaysia, Malaysia</i>); Rosalina Abd. Salam (<i>Universiti Sains Islam Malaysia, Malaysia</i>); Abdullah Zawawi Talib (<i>Universiti Sains Malaysia, Malaysia</i>)</p>
P9-MIPER-()	<p>Analysis of Goat within User Population of an Offline Signature Biometrics</p> <p>Sharifah Mumtazah Syed Ahmad (<i>Universiti Tenaga Nasional (UNITEN), Malaysia</i>)</p>
P9-MIPER-()	<p>Real Time Object Detection Using Hopfield Neural Network for Arabic Printed Letter Recognition</p> <p>Kussay Mutter (<i>Malaysia</i>); Mohd Zubir Mat Jafri (<i>Malaysia</i>); Azlan Abdul Aziz (<i>Malaysia</i>)</p>
P10-MSPER-()	<p>ECG Based Personal Identification Using Extended Kalman Filter</p> <p>Chee-Ming Ting (<i>Universiti Teknologi Malaysia, Malaysia</i>); Sheikh Hussain Sheikh Salleh (<i>Universiti Teknologi Malaysia, Malaysia</i>)</p>
P10-MSPER-()	<p>Human Posture Classification Using Hybrid Particle Swarm Optimization</p> <p>Maleeha Kiran (<i>MIMOS Berhad, Malaysia</i>); Sin Loong Teng (<i>MIMOS Berhad, Malaysia</i>); Chee Seng Chan (<i>Mimos Berhad, Malaysia</i>); Weng Kin Lai (<i>MIMOS Berhad, Malaysia</i>)</p>
P10-MSPER-()	<p>Versatile Object Tracking Standard Database for Security Surveillance</p> <p>Liyana Nuraini (<i>Universiti Sains Malaysia, Malaysia</i>); Shahrel Azmin Suandi (<i>Universiti Sains Malaysia, Malaysia</i>)</p>
P10-MSPER-()	<p>Signals Selection of SVC Device for Damping Oscillation</p> <p>Nuraddeen Magaji (<i>UTM, Malaysia</i>); Mohd Wazir Mustafa (<i>Universiti Teknologi Malaysia, Malaysia</i>)</p>
P10-MSPER-()	<p>Kernel Dimensionality Reduction Evaluation On Various Dimensions Of Effective Subspaces For Cancer Patient Survival Analysis</p> <p>Chin Yoon Soon (<i>Universiti Teknologi Malaysia, Malaysia</i>); Ito Wasito (<i>University of Indonesia, Indonesia</i>); Siti Zaiton Mohd Hashim (<i>Universiti Teknologi Malaysia, Malaysia</i>)</p>
P10-MSPER-()	<p>Interactive Dental Charting: Towards an Electronic Dental Information System</p> <p>Abdul Razak Hussain (<i>Universiti Teknikal Malaysia Melaka, Malaysia</i>); Kasturi Kanchymalay (<i>Universiti Teknikal Malaysia Melaka, Malaysia</i>); Alina Abd. Aziz (<i>Universiti Teknikal Malaysia Melaka, Malaysia</i>)</p>

P10-MSPER-(7)	Power Quality Analysis Using Smooth-Windowed Wigner-Ville Distribution Abdul Rahim Abdullah (<i>UTeM, Malaysia</i>); Ahmad Zuri Sha'ameri (<i>Universiti Teknologi Malaysia, Malaysia</i>)
P10-MSPER-(8)	The Effect of the Digit Slicing Architecture on the FFT Butterfly Yazan Samir Algnbai (<i>National University of Malaysia (UKM), Malaysia</i>); Rozita Teymourzadeh (<i>UKM university, Malaysia</i>)
P10-MSPER-()	Mining wikipedia knowledge to improve document indexing and classification Ramesh Kumar Ayyasamy (<i>Monash University, Malaysia</i>); Bashar Tahayna (<i>Monash University, Malaysia</i>); Saadat Alhashmi (<i>Monash University, Sunway Campus, Malaysia, Malaysia</i>); Siew Eu-Gene (<i>Monash University, Sunway Campus, Malaysia, Malaysia</i>); Simon Egerton (<i>Monash University, Malaysia</i>)

Plenary sessions

PS-()	Signal and Image Processing Applications in Radar Oceans Observations René Garello (<i>Telecom Bretagne, France</i>)
PS-()	New Challenges In Source Separation For Cosmology Images Ercan Engin Kuruoglu (<i>CNR, Italy</i>)
PS-()	Signal Processing Applications In Clinical Medicine To Improve Health Outcomes Paul Colditz (<i>University of Queensland, Australia</i>)