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<th>Monday, December 14</th>
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<tr>
<td>8:00-9:00 am</td>
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<td>Registration</td>
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<tr>
<td>Opening Session</td>
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<td>(Hall 1)</td>
<td>Plenary Session II</td>
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<td>D3M1: Image and Video Processing (Hall 6)</td>
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<td>D2M2: Image Processing II (Hall 7)</td>
<td>D3M2: DSP and Digital Filters (Hall 7)</td>
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<td>D2M3: Communications II (Hall 8)</td>
<td>D3M3: Networks (Hall 8)</td>
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<td>10:30-11:30 am</td>
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<td>Plenary Session I</td>
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<tr>
<td>D1A1: Communications I (Hall 6)</td>
<td>D3A1: Speech Processing (Hall 4)</td>
<td>D3A1: Speech Processing (Hall 4)</td>
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<td>D2A2: Biomedical I (Hall 6)</td>
<td>D3A3: Localization Algorithms (Hall 7)</td>
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<td>D2A3: Image Processing III (Hall 7)</td>
<td>D3A4: Image Processing and Interfaces (Hall 8)</td>
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<td>D3A5: Audio Processing (Hall 6)</td>
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<td>D3A7: Sensor Networks (Hall 8)</td>
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<td>D2A5: Advanced Signal Processing in Nondestructive Testing II(Hall 4)</td>
<td>D3A5: Audio Processing (Hall 6)</td>
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<td>D2A6: Bioinformatics(Hall 6)</td>
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<td>D1A6: Speech-Audio Processing (Hall 8)</td>
<td>D2A7: Radar Processing(Hall 7)</td>
<td>D3A7: Sensor Networks (Hall 8)</td>
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<td>8:00-10:00 pm</td>
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<td>Banquet Dinner</td>
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Monday, December 14, 2009

Opening Session

Time and Place: Monday, 9:00-10:00 am; Hall 1, Sheikh Zayed Center

Session Chair: Eweda I. Eweda
Ajman University of Science & Technology, UAE
ISSPIT 2009 General Co-Chair

AUST Address: H. E. Dr. Saeed Abdullah Salman
President, Ajman University of Science & Technology Network, UAE

IEEE-UAE Section Address: Eesa Bastaki
Chair, IEEE-UAE Section

ISSPIT Address: Adel Elmaghraby
University of Louisville, USA
ISSPIT 2009 General Co-Chair

Plenary Session I

Time and Place: Monday, 10:30 -11:30 am; Hall 1, Sheikh Zayed Center

Session Chair: Adel Elmaghraby
University of Louisville, USA

Title: Applications of Image Reconstruction from Gradient Data Using a Wavelet Based Technique

Speaker: Pan Agathoklis
University of Victoria, Canada
Session Title: D1A1 - Communications I

Time and Place: Monday, 1:40-3:00pm; Hall 6, Sheikh Zayed Center

Session Chair: Arafat Al-Dweik  
Khalifa University of Science, Technology & Research, UAE

1. Blind Scheme for Carrier Frequency Offset Estimation in MIMO-OFDM Systems  

2. A Gradient-Based Ordering for MIMO Detection  
Rafael A Trujillo, Victor M Garcia, Antonio M Vidal, Sandra Roger, Alberto Gonzalez

3. Complexity Assessment of Sphere Decoding Methods for MIMO Detection  
Johannes Fink, Sandra Roger, Alberto Gonzalez, Vicenc Almenar, Victor M Garcia

4. BER Performance of MRC/MC-CDMA Systems For MSK Scheme in Independent and Correlated Nakagami-m and Rician Fading Channels  
Heba Shaban, Mohamad Abou El-Nasr, R. Michael Buehrer

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Session Title: D1A2 - Watermarking

Time and Place: Monday, 1:40-3:00pm; Hall 7, Sheikh Zayed Center

Session Chair: Ayman Tawfik  
Ajman University of Science & Technology, UAE

1. A New Robust Non-Blind Digital Watermarking Scheme In Contourlet Domain  
Sirvan Khalighi, Parisa Tirdad, Hamid R Rabiee

2. An Image Watermarking Technique With Improved Resistance To Geometric Distortions Using Image Feature Points  
Mohamed S. Yasein, Pan Agathoklis

3. Reversible Blind Watermarking For Medical Images Based On Wavelet Histogram Shifting  
Hemin Golpira, Habibollah Danyali

4. A High Capacity Digital Watermarking Technique for Authentication of Color Images  
Ahmed Al-Gindy, Hussain Al-Ahmad, Rami Qahwaji, Ayman Tawfik

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Updated December 8, 2009
Session Title: D1A3 - Speech Coding

Time and Place: Monday, 1:40-3:00pm; Hall 8, Sheikh Zayed Center

Session Chair: Changchun Bao
Beijing University of Technology, China

1 An Embedded Speech And Audio Coding Method Based On Bit-Plane Coding And SQVH
Maoshen Jia, Changchun Bao, Xin Liu

2 A Multi-Class SVM Based Phonemes Classifier Based On A Trainable Confidence Measure
Sahar Amini, Farbod Razzazi, Kambiz Nayebi

3 Assessment of CELP Codecs Quality In Multi-Lingual Environment
Sarunas Paulikas, Mohamad Itani

4 Parametric Stereo Coder with Only MDCT Domain Computations
K. Suresh, T. V. Sreenivas
Session Title: D1A4 - Information Technologies

Time and Place: Monday, 3:30-4:50pm; Hall 6, Sheikh Zayed Center

Session Chair: Ahmad S. Tolba
Arab Open University, Kuwait

1 Generic Multi-Document Summarization Using Cluster Refinement and NMF
Sun Park, Dong Un An, Young Jeong Cho

2 A Dynamic Approach to Reliable Mobile Agent Systems Using Group Communication Services
Alaa Eldeen S Ahmed, Rania R Ramadan

3 An E-Learning Model Based On Dynamic Qualitative Constraint Networks
Nouhad Amaneddine, Jean-François Condotta

4 Intuitive Fuzzy C-Means Algorithm
Jae-Young Kim, Dong-Chul Park, Dong-Min Woo

Session Title: D1A5 - Image Processing I

Time and Place: Monday, 3:30-4:50pm; Hall 7, Sheikh Zayed Center

Session Chair:

1 A New Fingerprint Image Compression Method Based on Wave Atoms Transform
Zehira Haddad, Azeddine Beghdadi, Amina Serir

2 An Impulse Noise Fading Technique Based On Local Histogram Processing
Siavash Khodambashi, Mohsen Ebrahimi Moghaddam

3 Coding Artifacts Reduction Method Based on a Perceptually-Weighted Variational Approach
Quoc Bao Do, Marie Luong, Azeddine Beghdadi

4 Fast Seam Carving Using Partial Update and Divide and Conquer Method
Jinseok Lee, Daijin Kim
Session Title:  D1A6 –Speech and Audio Processing

Time and Place:  Monday, 3:30-4:50pm;  Hall 8, Sheikh Zayed Center

Session Chair:  Waleed H. Abdulla
    University of Auckland, New Zealand

1  An F0 Contour Fitting Model for Singing Synthesis
    Wen-Hsing Lai

2  Speech Recognition System for Embedded Real-Time Applications
    Octavian Cheng, Waleed Abdulla, Zoran Salcic

3  A New Psycho-Acoustic Model for MPEG1 Layer 3 Coder Using A Dynamic Gammachirp Wavelet
    Khalil Abid, Kais Ouni, Noureddine Ellouze

Banquet Dinner:

Time:  Monday, 8:00-10:00 pm

Place:  Dubai Creek, Dubai
Plenary Session II

Time and Place: Tuesday, 9:00-10:00 am; Hall 1, Sheikh Zayed Center

Session Chair: Fahar G. Hayati
Dean, College of Engineering, Ajman University of Science & Technology, UAE

Title: Building Research Capacity in the United Arab Emirates: The Role of the National Research Foundation

Speaker: Kenneth Wilson
Director, National Research Foundation of UAE

Session Title: D2M1 - Adaptive Filters I

Time and Place: Tuesday, 10:30am-12:10pm; Hall 6, Sheikh Zayed Center

Session Chair: Shihab Jimaa
Khalifa University of Science, Technology & Research, UAE

1 Tracking Analysis of The Normalized LMS Algorithm Without The Independence And Small Step Size Assumptions
Eweda Eweda

2 Fast Converging Nonlinear Echo Cancellation Based On Optimum Step Size
Chia-Sheng Shih, Shih Fu Hsieh

3 Nonlinear Acoustic Echo Cancellation Based On Higher Order Correlation
Guan-Yu Jiang, Shih-Fu Hsieh, Jang-Chyuan Jenq

4 Convergence Evaluation of Variable Step-Size NLMS Algorithm in Adaptive Channel Equalization
Shihab A. Jimaa, Abdalla Al-Samiri, Raed Shubair

5 Quasi-Newton Multimodulus Blind Equalization Algorithm
Kashif N. Paracha, Azzedine Zerguine
Session Title: D2M2 - Image Processing II

Time and Place: Tuesday, 10:30am-12:10pm; Hall 7, Sheikh Zayed Center

Session Chair: Lalita Udpa
Michigan State University, USA

1 A New Reference-Free Image Quality Index for Blur Estimation in the Frequency Domain
   Aladine Chetouani, Azeddine Beghdadi, Mohamed Deriche

2 Automated Visual Inspection of Flat Surface Products Using Feature Fusion
   Ahmad S Tolba, Hamayun A Khan, Hazem M. Raafat

3 Texture Analysis of Tissue Samples Using Apdtoes with Color Components
   Jouni Paakkonen, Niina Paivinen, Pekka Toivanen

4 Quick Invariant Signature Extraction from Binary Images
   Hamid R Shahbazkia, Antonio Anjos

5 Random Hypersurface Models For Extended Object Tracking
   Marcus Baum, Uwe D. Hanebeck

Session Title: D2M3 - Communications II

Time and Place: Tuesday, 10:30am-12:10pm; Hall 8, Sheikh Zayed Center

Session Chair: Khaled Assaleh
American University of Sharjah, UAE

1 RAKE Receiver Design for TH-PPM UWB Systems
   Homa Eghbali, Mohamed El-Tarhuni

2 Regularized Semi-Blind Estimator over MIMO-OFDM Systems
   Abla Kammoun, Karim Abed-Meraim, Sofiane Affes

3 Channel Prediction for Limited Feedback Precoded MIMO-OFDM Systems
   Abdullatif Khrwat, Bayan S. Sharif, Charalampos C. Tsimenidis, Said Boussakta,

4 Blind Channel Estimation in OFDM Systems by Relying on the Gaussian Assumption of the Input
   Tareq Y. Al-Naffouri, Ahmed Abdul Quadeer

5 Distributed Detection with Transmit-Only Sensors and A Successive Interference Cancellation Receiver
   Daniel Bielefeld
Session Title: D2A1 - Advanced Signal Processing in Nondestructive Testing I

Time and Place: Tuesday, 1:40-3:00 pm; Hall 4, Sheikh Zayed Center

Session Chair: Uvais Qidwai
Qatar University, Qatar

1 Multiobjective Optimization For Low SAR Antenna Design
Ibrahim Elshafiey, Abdel-Fattah Sheta, Saeed Aldosari, Majeed A. Alkanhal, Saleh A. Alshebeili

2 Multimodal Image Fusion For Next Generation NDE Systems
Ayed Algarni, Ibrahim Elshafiey, Majeed A. Alkanhal

3 Application Of Time Reversal Signal Processing To Microwave NDE
Solimar Reyes-RodrãGuez, Naiguang Lei, Robert J. Mcgough, Satish Udpa, Lalita Udpa

4 Image Deconvolution for Enhancing IR Images In Order To Detect Defects in Metallic Plates
Uvais A Qidwai, Mohammad Maqbool

Session Title: D2A2 - Biomedical I

Time and Place: Tuesday, 1:40-3:00 pm; Hall 6, Sheikh Zayed Center

Session Chair: Mohammed El-Telbany
Electronics Research Institute, Egypt

1 Skin Cancer Parameterization Algorithm Based On Epiluminiscence Image Processing
B. G. Zapirain, Amaia M. Zorrilla, Ibon R. Oleagordia, Guillermo N. Nunez, Aicha A. Abtane

2 Flowchart Content Descriptor for Visually Disabled People
Amaia Mendez Zorrilla, B. Garcia Zapirain, Ibon Ruiz Oleagordia, Alvaro Muro

3 Iris Fusion For Multibiometric Systems
Lahouari M Ghouti, Ahmed A Bahjat

4 Home ECG System: Signal Processing and Remote Transmission
Tahereh Shams, Fereshteh Rahi, Mustaaks Mir, Mohamed Nasor
Session Title: D2A3 - Image Processing III

Time and Place: Tuesday, 1:40-3:00 pm; Hall 7, Sheikh Zayed Center

Session Chair: Hussain Al-Ahmad
Khalifa University of Science, Technology & Research, UAE

1 A Quasi Blind Watermark Extraction of Watermarked Natural Preserve Transform Images On A Dsp Board
Gamal E Fahmy

2 Robust two-Stage Lip Tracker
Jongju Shin, Bongjin Jun, Daijin Kim

3 Time-Weighted Quantitative Testing of Image Segmentation with a Genetic Algorithm
Hassan Almuhairi, Martin Fleury, Adrian F Clark

4 A Novel Ocr System For Calculating Handwritten Persian Arithmetic Expressions
Sirvan Khalighi, Parisa Tirdad, Hamid R Rabiee

Session Title: D2A4 - Adaptive Filters II

Time and Place: Tuesday, 1:40-3:00 pm; Hall 8, Sheikh Zayed Center

Session Chair: Esam Abdel-Raheem
University of Windsor, Canada

1 Two-Staged Nonlinear Acoustic Echo Cancellation and Its Convergence Analysis
Ko-Chiang Li, Shih-Fu Hsieh, Jang-Chyuan Jenq

2 Noise Cancellation in ECG Signals Using Normalized Sign-Sign LMS Algorithm
Mohammad Z Rahman, Shaik R Ahamed, D V R Reddy

3 Efficient Blind Adaptive Channel Shortening Algorithm for Multicarrier Modulation Systems
Ishaq Gul Muhammad, Esam Abdel-Raheem, Kemal Tepe

4 A Family of Normalized Least Mean Fourth Algorithms and Their Tracking Analysis
Azzedine M Zerguine
Session Title: D2A5 - Advanced Signal Processing in Nondestructive Testing II

Time and Place: Tuesday, 3:30-4:50 pm; Hall 4, Sheikh Zayed Center

Session Chair: Uvais Qidwai
Qatar University, Qatar

1 Fuzzy Time-Frequency Defect Classifier for NDT Applications
Uvais A Qidwai, Maamar Bettayeb

2 Reconstruction of Microwave Tomography Data Obtained Using Deformable Mirrors
Satish S Udpa, Kavitha Arunachalam, Lalita Udpa

3 Signal Processing Techniques for Nondestructive Evaluation Using Laser Ultrasonics
Marvin B Klein, Homayoon Ansari

Session Title: D2A6 – Bioinformatics

Time and Place: Tuesday, 3:30-4:50 pm; Hall 6, Sheikh Zayed Center

Session Chair: Mohamad Abou El-Nasr
Arab Academy for Science, Technology & Maritime Transport, Egypt

1 A Framework for the Power Consumption and BER Performance of Ultra-Low Power Wireless Wearable Healthcare and Human Locomotion Tracking Systems via UWB Radios
Heba Shaban, Mohamad Abou El-Nasr, R. Michael Buehrer

2 Verifying Speakers in Emotional Environments
Ismail M. A. Shahin

3 Bioinspired Learning For Microarray Gene Selection and Cancer Classification
Sultan H. Aljahdali, Mohammed E. El-Telbany

4 Affine Invariant Iris Identification Using Angular and Radial Partitioning
Mehran Deljavan Amiri, Wafa Barkhoda, Habibollah Danyali, Fardin Akhlaqian Tab
Session Title: D2A7 - Radar Processing

Time and Place: Tuesday, 3:30-4:50 pm; Hall 7, Sheikh Zayed Center

Session Chair: Karim Abed-Meraim
University of Sharjah, UAE

1 Improved Analysis of Spaceborne Radar Signals Using Wavelet-Based Techniques
   Khalid A Mubarak, Ali M Dawood, Raed M Shubair, Abdullah M Alhamer

2 Efficient Target Identification for MIMO High-Resolution Imaging Radar via Plane-Rotation-Invariant Feature
   Dang-Wei Wang, Gang Chen, Ning Wu, Xiao-Yan Ma

3 Particle Filter Algorithm for Tracking Maneuvering Target Using FM Signal
   Khalil Jishy, Frederic Lehmann, Michel Moruzzis, Gerard Salut

Session Title: D2A8 - Communications III

Time and Place: Tuesday, 3:30-4:50 pm; Hall 8, Sheikh Zayed Center

Session Chair: Maamar Bettayeb
University of Sharjah, UAE

1 A Semi-Blind Time Domain Equalization of SCFDMA Signal
   S. Y Yameogo, Jacques Palicot

2 How Much Training is Optimal in Adaptive PSAM Over Markov Rayleigh Fading Channels
   Khalid A Zeineddine, Ibrahim C Abou-Faycal

3 Stability Analysis of Decentralized Overlapping Estimation Scheme With Markovian Packet Dropouts
   Muhammad A. S. Murtadhah, Maamar Bettayeb

4 Optimization of Thinned Arrays Using Stochastic Immunity Genetic Algorithm
   Zoubir M Hamici, Taisir H Ismail

Banquet Dinner:

Time: Tuesday, 8:00-10:00 pm
Place: Millennium Hotel, Sharjah
Plenary Session III

Time and Place: Wednesday, 9:00-10:00 am; Hall 1, Sheikh Zayed Center

Session Chair: Eweda I. Eweda
Ajman University of Science & Technology, UAE
ISSPIT 2009 General Co-Chair

Title: Low-Complexity Solutions for Extreme Bandwidth Communication
Speaker: Mohamed-Slim Alouini
KAUST, Saudi Arabia

Title: Cross-Layer Design in Wireless Networks
Speaker: Kemal Tepe
University of Windsor, Canada

Session Title: D3M1 – Image and Video Processing
Time and Place: Wednesday, 10:30am-12:10pm; Hall 6, Sheikh Zayed Center

Session Chair: Ibrahim Abou-Faycal
American University of Beirut, Lebanon

1. Mmi-Based Optimal Lbp Feature Selection For Facial Expression Recognition
   Taewan Kim, Daijin Kim

2. Statistical Face Image Preprocessing And Non-Statistical Face Representation For Practical Face Recognition
   Bongjin Jun, Hyung-Soo Lee

   Mohamad M. Awad, Ahmad Nasri

4. Delay-Efficient GOP Size Control Algorithm in Wyner-Ziv Video Coding
   Imad F Ahmad, Ziad F Ahmad, Ibrahim C Abou-Faycal

5. Classification of Video Data Using Centroid Neural Network
   Jae-Young Kim, Dong-Chul Park, Dong-Min Woo
Session Title: D3M2 – DSP Algorithms and Digital Filters

Time and Place: Wednesday, 10:30am-12:10pm; Hall 7, Sheikh Zayed Center

Session Chair: Shib-Fu Hsieh
National Chiao Tung University, Taiwan

1 Partitioned Feature-Based Classifier Model
Dong-Chul Park

2 Nonnegative Matrix Factorization Using Projected Gradient Algorithms with Sparseness Constraints
Nasser Mohammadiha, Arne Leijon

3 Autonomous Trajectory Learning Using Free Configuration-Eigenspaces
Tauseef Gulrez, Shyba Zaheer, Yousif Abdallah

4 Design of IIR Filters For A Limited Number Of Samples With Optimum Dynamic Frequency Responses
Jeedella S.Y. Jeedella, Hussain Al-Ahmad, Raed Shubair, Mohammed Al-Mualla

5 Common-Acoustic-Poles and Zeros Modeling Using Jointly Balanced Model Truncation
C.J. Liu, Shih-Fu Hsieh

Session Title: D3M3 – Networks

Time and Place: Wednesday, 10:30am-12:10pm; Hall 8, Sheikh Zayed Center

Session Chair: Ahmad Almulhem
King Fahd University of Petroleum & Minerals, Saudi Arabia

1 AdamRTP: Adaptive Multi-Flows Real-Time Multimedia Delivery over WSNs
Aniss Zakaria, Randa El-Marakby

2 An Evaluation Of The Virtual Router Redundancy Protocol Extension With Multi Segment Load Balancing
Fazl E Hadi, Atif Naseer, Fawad Bashir, Khalid Hussain

3 Flooding Zone Control Protocol (Fzcp): Enhancing The Reliability Of Real-Time Multimedia Delivery In Wsns
Tarik Elamsy, Randa El-Marakby

4 Source Geography Estimation For Web Pages
Davide Bardone, Elias S.G. Carotti, Juan Carlos De Martin

5 Network Forensics: Notions And Challenges
Ahmad Almulhem
Session Title: **D3A1 - Speech Processing**

**Time and Place:** Wednesday, 1:40-3:00pm; Hall 4, Sheikh Zayed Center

**Session Chair:** Janq-Chyuan Jenq  
*China University of Technology, Taiwan*

1. **Robust Speech Recognition Using MLP Neural Network in Log-Spectral Domain**  
*Masoumeh P. Ghaemmaghami, Hossein Sameti, Farbod Razzazi, Bagher Babaali, Saeed Dabbaghchian*

2. **Noise Robust Speech Activity Detection**  
*Waleed H. Abdulla, Zhou Guan, Hou Chi Sou*

3. **A Novel Speech-Like Symbol Design for Data Transmission Through GSM Voice Channel**  
*Ali Shahbazi, Amir H Rezaie, Abolghasem Sayadiyan*

4. **Phoneme Recognition via Coupling Landmark ISOMAP and Random Forests**  
*Ioannis Atsonios*

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Session Title: **D3A2 - DSP Implementations**

**Time and Place:** Wednesday, 1:40-3:00pm; Hall 6, Sheikh Zayed Center

**Session Chair:** Raed Shubair  
*Khalifa University of Science, Technology & Research, UAE*

1. **A Matrix-Vector Based Approach To FFT Implementations**  
*Yuheng He, Klaus Hueske, Jurgen Gotze, Edmund Coersmeier*

2. **FPGA Implementation of Decision Feedback Equalizer**  
*Doaa Ashmawy, Essam Abdel-Raheem, Hala Mansour, Mohamed Youssif, Mahmoud Mohanna*

3. **Reconfigurable Array by Digital Phase Control Using Particle Swarm Optimization**  
*Taisir H Ismail, Zoubir M Hamici*

4. **High Throughput Multiple-Precision Gcd On The Cuda Architecture**  
*Noriyuki Fujimoto*
Session Title: D3A3 – Localization Algorithms

Time and Place: Wednesday, 1:40-3:00pm; Hall 7, Sheikh Zayed Center

Session Chair: Reda Ammar
University of Connecticut, USA

1 Direction of Estimation Approach for Collaborative Localization in Wireless Sensor Networks
Abdullah I. Alhasant, Bayan S. Sharif, Charalampos C. Tsimenidis, Said Boussakta

2 Improving the Performance of the Instantaneous Blind Audio Source Separation Algorithms
Amr E Mohamed, Reda A Ammar, Mohamed I Eladawy, Medhat Hussien

3 An Efficient IMM-UKF-Bias Algorithm For Mobile Location In UMTS-FDD Under NLOS Conditions
Hadjira Benoudnine, Steve Bartelmaos, Karim Abed Meraim

4 FH-Adaptive Motion Compensation for Moving Object Detection in an Active Camera
Jiman Kim, Jongju Shin, Dajin Kim

Session Title: D3A4 – Image Processing and Interfaces

Time and Place: Wednesday, 1:40-3:00pm; Hall 8, Sheikh Zayed Center

Session Chair: Mohamad Awad
National Council for Scientific Research, Lebanon

1 Dynamic Fuzzy Clustering Using Harmony Search With Application In Image Segmentation
Osama Moh'D Alia, Rajeswari Mandava, Dhanesh Ramachandram, Mohd Ezane Aziz

2 Gait Recognition System Tailored For Arab Costume Of The Gulf Region
Khaled Assaleh, Tamer Shanableh, Layla Hajjaj, Abdulwahab Kabani

3 Online Social Networks, An Interface Requirements Analysis
Vishwesh L Akre, Aftab H Rizvi, Mohammed Arif

4 Cooccurrence Histograms for Characterizing Brain Magnetic Resonance Images
Doaa M Ghoneim
Session Title:  D3A5 – Audio Processing

Time and Place:  Wednesday, 3:30-4:50pm;  Hall 6, Sheikh Zayed Center

Session Chair:  Ioannis Atsonios
Johns Hopkins University, USA

1 A Comparison Between Allophone, Syllable, and Diphone Based TTS Systems for Kurdish Language
Wafa Barkhoda, Bahram Zahir Azami, Anvar Bahrampour, Om-Kolsoom Shahryari

2 Automatic Meter Classification In Persian Poetries Using Support Vector Machines
Saeid Hamidi, Masoumeh P. Ghaemmaghani, Farbod Razzazi

3 Large Corpus of Iranian Music
M.Hassan Shirali-Shahreza, Sajad Shirali-Shahreza

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Session Title:  D3A6 – Biometrics

Time and Place:  Wednesday, 3:30-4:50pm;  Hall 7, Sheikh Zayed Center

Session Chair:  Rehab Abdel-Kader
Suez-Canal University, Egypt

1 Particle Swarm Optimization for Human Face Recognition
Rabab M. Ramadan, Rehab F. Abdel-Kader

2 A Hybrid Rotation-Invariant Face Recognition System Using Log-Polar Transform
Rehab F Abdel-Kader, Rabab M Ramadan, Rawya Y Rizk

3 Fingerprint Verification Using Fingerprint Texture
Mohammed S. Khaliil, Dzulkifli Muhammad, Muhammad Khurram Khan, Qais Al-Nuzaile

4 Hilbert-Huang Transform Based Physiological Signals Analysis For Emotion Recognition
Cong Zong, Mohamed Chetouani
Session Title: D3A7 - Sensor Networks

Time and Place: Wednesday, 3:30-4:50pm; Hall 8, Sheikh Zayed Center

Session Chair: Jürgen Götze
Dortmund University of Technology, Germany

1 Energy Saving by Using Floating Input Approach in a Wireless Sensor Network
   Mehrdad Babazadeh, Ishwar Lal, Walter Lang

2 Regularized and Simplified Monte Carlo Joint Probabilistic Data Association Filter for Multi-Target Tracking in Wireless Sensor Networks
   Mohammad Ali Tinati, Tohid Yousefi Rezaii

3 Chernoff Information-Based Optimization of Sensor Networks for Distributed Detection
   Gernot M Fabbeck, Rudolf Mathar

4 Joint Adaptive Quantization and Fading Channel Estimation for Target Tracking In Wireless Sensor Networks
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