2009 IEEE International Conference on Computational Intelligence for Measurement Systems and Applications

(CIMSA)

Hong Kong, China
11 – 13 May 2009
### Monday, May 11, 2009

**9:30AM – 10:00AM**
Joint conference opening

**10:30AM – 12:30PM**

**Special session: Human Monitoring and Interface Systems**

#### Novel Gait Recognition Technique Based on SVM Fusion of PCA-Processed Contour Projection and Skeleton Model Features
- Dong Ming (Tianjin University, China)
- Yanru Bai (Tianjin University, China)
- Cong Zhang (Tianjin University, China)
- Baikun Wan (Tianjin University, China)
- Yong Hu (University of Hong Kong, China)
- KDK Luk (University of Hong Kong, China)

#### Three-Dimensional Finite Element Modeling of Cochlear Implant Induced Electrical Current Flows
- Kevin Chen (University of Sydney, Australia)
- Qing Li (University of Sydney, Australia)
- Wei Li (University of Sydney, Australia)
- Howard Lau (University of Sydney, Australia)
- Andrew Ruys (University of Sydney, Australia)
- Paul Carter (Cochlear Ltd, Australia)

#### A Distributed Technique For Recognition And Retrieval of Faces With Time Varying Expressions
- Dalila B. Megherbi (University of Massachusetts Lowell, USA)
- Yi Miao (University of Massachusetts Lowell, USA)

#### Nonlinear Static Decoupling of Six-Dimension Force Sensor for Walker Dynamometer System Based on Artificial Neural Network
- Dong Ming (Tianjin University, China)
- Xi Zhang (Tianjin University, China)
- Xiuyun Liu (Tianjin University, China)
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- Yong Hu (University of Hong Kong, China)
- KDK Luk (University of Hong Kong, China)

#### Automatic Maintenance Route Planning of Large-Scale Sensor Networks
- Vesa Hasu (TKK Helsinki University of Technology, Finland)
- Heikki Koivo (TKK Helsinki University of Technology, Finland)

#### Multiscale Entropy Analysis of Attention Related EEG based on Motor Imaginary Potential
- Dong Ming (Tianjin University, China)
- Mingming Zhang (Tianjin University, China)
- Youyuan Xi (Tianjin University, China)
- Hongzhi Qi (Tianjin University, China)
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Ciriaco C. Pasquale (Politecnico di Bari, Italy)
Francesco Ragni (Politecnico di Bari, Italy)

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