The International Federation for Medical and Biological Engineering, IFMBE, is a federation of national and transnational organizations representing internationally the interests of medical and biological engineering and sciences. The IFMBE is a non-profit organization fostering the creation, dissemination and application of medical and biological engineering knowledge and the management of technology for improved health and quality of life. Its activities include participation in the formulation of public policy and the dissemination of information through publications and forums. Within the field of medical, clinical, and biological engineering, IFMBE’s aims are to encourage research and the application of knowledge, and to disseminate information and promote collaboration. The objectives of the IFMBE are scientific, technological, literary, and educational.

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The International Conference on Health Informatics

ICHI 2013, Vilamoura, Portugal
on 7–9 November, 2013
Welcome Message from Conference Committees

Dear Colleagues and Fellow Students:

It is our great pleasure to welcome you to Vilamoura and the 1st International Conference on Health Informatics (ICHI2013) - a new special topic conference initiated by the International Federation of Medical and Biological Engineering (IFMBE) - the world largest organization focusing on biomedical engineering.

The main theme of the IFMBE-ICHI2013 is “Integrating Information and Communication Technologies with Biomedicine for Global Health”. We expect many distinguished keynote speakers and nine mini-symposia addressing the theme of conference. Though the conference preparation time was rather short – only about six months, it attracted about hundred contributed scientific presentations from nearly thirty different countries/regions worldwide. They reflect the recent development and progress in numerous facets of biomedical and health informatics covering the acquisition, transmission, processing, management and use of information for human health. We would like to extend our sincere thanks to all the invited speakers, attendees, and volunteers who have contributed to the success of the ICHI2013.

Vilamoura, IFMBE and the Conference Committees welcome you to the ICHI2013 conference, and we wish you to have an informative, productive and enjoyable time in Vilamoura.

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Mini-Symposia

1) Towards Unobtrusive and Wearable Blood Pressure Measurements

Chairs
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2) Monitoring and Screening of Vulnerable Patients with Acute Cardiovascular Diseases

Chairs
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Mingxi Wan Xi’an Jiaotong University, China

3) Photo-acoustic Imaging and its Applications

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Da Xin Institute of Bio-Photonics at South China Normal University, China

4) Tele-healthcare Systems and Applications

Chairs
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5) Body Sensor Networks for Emerging Health Informatics

Chairs
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Benny Lo Institute of Global Health Innovation, Imperial College London, UK

6) Privacy and Network Security

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8) Advanced Solutions for Supporting Cardiac Patients in Rehabilitation

Chairs
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9) RFID & Wireless Sensors for Ubiquitous Healthcare & Internet-of-Things

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Nikolaos Maglaveras
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Paulo Mendes
Zhi-Pei Liang
Joel Arrais
Paulo Rupino Cunha
Zoran Tiganj
Jorge Henriques
Pedro Abreu
Zhi-Pei Liang
Table of Contents

IMRT Beam Angle Optimization Using Dynamically Dimensioned Search ......................................................... 1
\hspace{1em} J. Dias, H. Rocha, B. Ferreira, M.C. Lopes

Multiple Modality Fusion for Glaucoma Diagnosis .......................................................................................... 5
\hspace{1em} Jiang Liu, Yanwu Xu, Jun Cheng, Zhuo Zhang, Damon Wing Kee Wong, Fengshou Yin, Tien Yin Wong

Directional Dual-Tree Complex Wavelet Packet Transform Implementation Using Band-Limited Synthetic Signals .......................................................... 9
\hspace{1em} G. Serbes, N. Aydin, H.O. Gulcur

State of the Art on Games for Health Focus on Parkinson's Disease Rehabilitation ........................................ 13
\hspace{1em} J. Cancela, M. Pastorino, M.T. Arredondo, C. Vera-Muñoz

Recip-e: The Electronic Prescription System for Ambulatory Care in Belgium ............................................. 17
\hspace{1em} M. Nyssen, T. Putzeys, L. Baert, M. Buckens

Is Unobtrusive Monitoring Becoming Popular? .............................................................................................. 20
\hspace{1em} Toshiyo Tamura

Feature-Based Supervised Lung Nodule Segmentation .................................................................................. 23
\hspace{1em} D.M. Campos, A. Simões, I. Ramos, A. Campilho

End-to-End Quality of Service-Based Admission Control via Virtual Sensor Nodes ..................................... 27
\hspace{1em} Carlos Abreu, P.M. Mendes

On the Relationship of Arousals and Artifacts in Respiratory Effort Signals ................................................ 31
\hspace{1em} Jerome Foussier, Xi Long, Pedro Fonseca, Berno Misgeld, Steffen Leonhardt

Respiratory Monitoring Based on Video Processing ....................................................................................... 35
\hspace{1em} Zhoucheng Li, Feng Wang

Personalizing Breast Cancer Patients with Heterogeneous Data ................................................................... 39
\hspace{1em} Pedro Henriques Abreu, Hugo Amaro, Daniel Castro Silva, Penousal Machado, Miguel Henriques Abreu

PS Model-Based Dynamic Cardiac MRI with Compressed Sensing ............................................................... 43
\hspace{1em} Xiaoyong Zhang, Guoxi Xie, Xiang Feng, Xin Liu, Bensheng Qiu

Innovative Immunosensors for Early Stage Cancer Diagnosis and Therapy Monitoring ............................. 47
\hspace{1em} Cecilia Cristea, Anca Florea, Ramona Galatus, Ede Bodoki, Robert Sandulescu, Daniel Moga, Dorin Petreus

Medication Incompliance and Vital Signs in Heart Failure Patients ............................................................... 51
\hspace{1em} I.G. Chouvarda, T. Mabote, A. Torabi, J. Caffarel, M. van Gils, J. Cleland, N. Maglaveras

Effective Current Dipole Model of CA1 Hippocampus Pyramidal Neurons in Rat ....................................... 55
\hspace{1em} S.M. BagheriMofidi, M. Pouladian, S.B. Jameie

Noninvasive Strain Imaging and Hemodynamic Evaluation of Atherosclerosis .......................................... 59
\hspace{1em} J.J. Wan, Y.J. Zong, M.M. Hu, M.X. Wan

Cavitation Endothelium Damage of Large Artery Vessel: A Potential Application to Animal Model of Atherosclerosis .................................................................................. 63
\hspace{1em} Y.J. Zong, J.J. Wan, Y.Z. Qiao, W.S. Li, X.R. Zou, M.X. Wan

A Telehealth Framework for Mobile Nursing: Improving Patient Medical Record Management and Staff Communications .... 67
\hspace{1em} D. Haraguchi, J. Kim, C.A. Lemon, A. Sud, J. Branley, M.H. Khadra

Quantitative and Qualitative Assessment of Assisted Strength Exercising .................................................... 71
\hspace{1em} T. Pozalć, D. Džaja, M. Varga, I. Matlec, L. Celić, I. Lacković, R. Magjarević
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time-Varying Under-sampling Trajectory Design for Compressed Sensing Based DCE-MRI</td>
<td>76</td>
</tr>
<tr>
<td>Duan-duan Liu, Dong Liang, Na Zhang, Xin Liu, Yuan-Ting Zhang</td>
<td></td>
</tr>
<tr>
<td>An Ontology Based Intelligent Telehealth System for Long-Term Management of Hypertension</td>
<td>80</td>
</tr>
<tr>
<td>Jiayu Zhu, Chao Min, Feng Wang</td>
<td></td>
</tr>
<tr>
<td>Maintaining Continuity of Care in a Multidisciplinary Health Service by Using M-Health Technologies to Develop Patient Medical Records</td>
<td>84</td>
</tr>
<tr>
<td>C.A. Lemon, J. Kim, D. Haraguchi, A. Sud, J. Branley, M.H. Khadra</td>
<td></td>
</tr>
<tr>
<td>Time-Spatial Ultrasound Induced Temperature Evaluation on Perfused Phantoms</td>
<td>88</td>
</tr>
<tr>
<td>M. Graça Ruano, H.S. Duarte</td>
<td></td>
</tr>
<tr>
<td>Prototype of Respiratory Sounds Monitoring System Based on Compressive Sampling</td>
<td>92</td>
</tr>
<tr>
<td>D. Oletic, M. Skrapec, V. Bilas</td>
<td></td>
</tr>
<tr>
<td>Design of a Smart Cup – A Tele-medical System for Behavioral Intervention through Interactive Materiality</td>
<td>96</td>
</tr>
<tr>
<td>A Portable Low-Power 7-Lead ECG Recorder with a New Analogue Front-End IC</td>
<td>100</td>
</tr>
<tr>
<td>Jinhe Cai, Yang Li, Jinyong Zhang, Shi Huang, Nikolao Gaio, Lei Wang</td>
<td></td>
</tr>
<tr>
<td>Smartphone Based Remote Monitoring of Heart Failure</td>
<td>105</td>
</tr>
<tr>
<td>R.B. Lagido, C. Sousa, S. Leite, L. Ferreira, J. Cardoso</td>
<td></td>
</tr>
<tr>
<td>Approximate Entropy for Short-Term Heart Rate Variability Analysis. Is the Threshold Value Computed by Chon’s Formula Appropriate?</td>
<td>110</td>
</tr>
<tr>
<td>P. Melillo, P. Scala, D. Santoro, M. Vadursi, L. Pecchia</td>
<td></td>
</tr>
<tr>
<td>PHARM – Association Rule Mining for Predictive Health</td>
<td>114</td>
</tr>
<tr>
<td>Chih-Wen Cheng, Greg S. Martin, Po-Yen Wu, May D. Wang</td>
<td></td>
</tr>
<tr>
<td>Towards a Dependable Cardiovascular Surveillance System</td>
<td>118</td>
</tr>
<tr>
<td>Cristina C. Oliveira, José Machado da Silva</td>
<td></td>
</tr>
<tr>
<td>Performance Analysis of Optimal and Rectangular Template-Based MRC Receive Diversity for UWB-Based Off-Body WBANs in Presence of Timing-Jitter</td>
<td>122</td>
</tr>
<tr>
<td>Heba Shaban, Mohamad Abou El-Nasr</td>
<td></td>
</tr>
<tr>
<td>Exploration of Data Dimensionality Reduction Methods for Improving Classification Performance of Voluntary Movements</td>
<td>126</td>
</tr>
<tr>
<td>Yanjuan Geng, Xing Kuang, Mingxing Zhu, Yi Zhang, Guanglin Li, Yuan-Ting Zhang</td>
<td></td>
</tr>
<tr>
<td>A Short Report on the Relation between the mRNA Sequence and the Encoded Protein Structure</td>
<td>130</td>
</tr>
<tr>
<td>Xiaojuan Shen, Yi Zhang, Guanglin Li</td>
<td></td>
</tr>
<tr>
<td>Capillary Electrophoresis Microchip for DNA Amperometric Detection Featuring Agarose Gel</td>
<td>132</td>
</tr>
<tr>
<td>M.H. Ghanim, M.Z. Abdullah</td>
<td></td>
</tr>
<tr>
<td>A DC-DC Converter with 91%@55mA Light Load Conversion Efficiency for Portable Medical Electronics</td>
<td>136</td>
</tr>
<tr>
<td>Jinhe Cai, Jinyong Zhang, Nikolao Gaio, Lei Wang</td>
<td></td>
</tr>
<tr>
<td>Reconstruction of Central Blood Pressure Using an Individualized Two-Segment Transmission Line Model</td>
<td>141</td>
</tr>
<tr>
<td>Hongxia Ding, Ping Yang, Yuan-Ting Zhang</td>
<td></td>
</tr>
<tr>
<td>Computational Analysis of Pathways Enrichment in DNA Methylation Array Data</td>
<td>144</td>
</tr>
<tr>
<td>A. Malousi, N. Papakonstantinou, M. Tsagiopoulou, K. Stamatopoulos, N. Maglaveras</td>
<td></td>
</tr>
<tr>
<td>A Rod-Like Acoustic Radiation Force in Ultrasound-Based Elastography: A Simulation Study</td>
<td>148</td>
</tr>
<tr>
<td>Min Guo, Minhua Lu, Heye Zhang, Huafeng Liu, Yuan-Ting Zhang</td>
<td></td>
</tr>
<tr>
<td>Physical Layer Network Coding with Feedback for One Simple Body Area Wireless Sensor Network</td>
<td>152</td>
</tr>
<tr>
<td>P. Farkaš, E. Ružický</td>
<td></td>
</tr>
</tbody>
</table>
## Table of Contents

A System to Improve Continuity of Care in Heart Failure Patients
G. Guidi, P. Melillo, M.C. Pettenati, M. Milli, E. Ladanza

Ethicted – Evaluation Process Model to Improve Personalised ICT Services for Independent Living and Active Ageing; Future Scenario Model
A. Kärki, J. Sävel, M. Sallinen, J. Kuusinen

Flexible Linear Discriminant Wavelet Networks for Rapid Physiological Signal Interpretation
Bing Nan Li, You Li, Kui Xiang, Ning An, M.C. Dong, M.I. Vai

Energy Efficient Techniques for Implanted Nodes in Body Sensor Networks
Dengyu Qiao, Ye Li, Honggang Li

Personalization Based on Grouping Strategies for Short-Term Cardiovascular Event Risk Assessment
T. Marques, J. Henriques, Simão Paredes, Paulo Carvalho

A Numerical Study of the Hemodynamics in Common Carotid Artery Affected by Different Shapes of Carotid Atherosclerotic Plaque
Xin Liu, Zhenzhou Li, Lina Pu, Heye Zhang, Yuan-Ting Zhang

Changes in Blood Pressure with Different Postures While Swallowing
Xiaorong Ding, Yali Zheng, Wenzhuan Dai, Yuan-Ting Zhang

Hypertension Risk Assessment Based on a Trend Prediction Methodology
Teresa Rocha, Simão Paredes, Paulo Carvalho, Jorge Henriques

A Heart Sound Transmission and Reception System Based on NFC and Bluetooth
Zhidong Zhao, Shengkang He

Pattern Detection in Vital Signals Daily Collected by Means of a Tele-monitoring Application
Teresa Rocha, Simão Paredes, João Morais, Paulo Carvalho, Jorge Henriques

Automatic Detection of Calcified Plaque with Acoustic Shadowing
Zhifan Gao, William Kongto Hau, Heye Zhang, Yuan-Ting Zhang

A Full Custom Fully Integrated ECG Measurement IC for Healthcare Applications
Yayu Cheng, Ye Li

Cardiovascular Risk Prediction during Cardiac Rehabilitation
Paulo Carvalho, J. Henriques, Simão Paredes, Teresa Rocha, J. Ramos

The Relationship between the 24-h Blood Pressure Variability and Carotid Intima-Media Thickness: A Preliminary Study
Dan Wu, Huahua Xiong, Xiaohong Tian, Wan-Hua Lin, Chunyan Li, Heye Zhang, Yuan-Ting Zhang

Comparison of Heart Rate Variability from PPG with That from ECG
Wan-Hua Lin, Dan Wu, Chunyan Li, Heye Zhang, Yuan-Ting Zhang

Quantifying Effect of Blood Pressure on Stress Distribution in Atherosclerotic Plaque
Lina Pu, Huahua Xiong, Xin Liu, Heye Zhang, Yuan-Ting Zhang

An a Priori and a Posteriori Protection by Means of Data Hiding of Encrypted Images: Application to Ultrasound Images
D. Bouslimi, G. Coatrieux, M. Cozic, Ch. Roux

Predicting the Ineffective Efforts in ICU Assisted Ventilation via Multiparametric Models

Amplitude Index for the Quality Assessment of Pulsatile Signals in Noise
Wenzhuan Dai, Xiaorong Ding, Yali Zheng, Yuan-Ting Zhang

The Design and Implementation of IEEE 802.15.6 Baseband on FPGA
Yunping Liang, Yu Zhou, Ye Li
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery-Friendly Packet Transmission Strategies for Wireless Capsule Endoscopy</td>
<td>236</td>
</tr>
<tr>
<td>Ali Hassan Sodhro, Ye Li</td>
<td></td>
</tr>
<tr>
<td>Assessment of the Pulse Wave Variability for a New Non-invasive Device</td>
<td>240</td>
</tr>
<tr>
<td>Efficient Fuzzy Vault Application in Node Recognition for Securing Body Sensor Networks</td>
<td>244</td>
</tr>
<tr>
<td>Y. Lu, S.D. Bao</td>
<td></td>
</tr>
<tr>
<td>Fully-Automatic Multimodal Co-Registration of Retinal Fundus Images</td>
<td>248</td>
</tr>
<tr>
<td>R. Bernardes, P. Guimarães, P. Rodrigues, P. Serranho</td>
<td></td>
</tr>
<tr>
<td>Decomposing of Cardiac and Respiratory Signals from Electrical Bio-impedance Data Using Filtering Method</td>
<td>252</td>
</tr>
<tr>
<td>Y.M. Mughal</td>
<td></td>
</tr>
<tr>
<td>Advanced Tools for Clinical Diagnosis of Autism Spectrum Disorders</td>
<td>256</td>
</tr>
<tr>
<td>S. Orlandi, C. Manfredi, A. Guzzetta, V. Belmonti, S.D. Barbagallo, M.L. Scattoni</td>
<td></td>
</tr>
<tr>
<td>Principal Component Analysis of Differential Electrocardiographic Leads – A Contribution to the Synthesis of ECGs</td>
<td>260</td>
</tr>
<tr>
<td>I. Tomasić, R. Trobec, R. Magiarević</td>
<td></td>
</tr>
<tr>
<td>SportsMBAN: Sports and Tele-healthcare Wireless Medical Body Area Network for Real-Time Activity Monitoring and Fall Detection</td>
<td>264</td>
</tr>
<tr>
<td>Heba Shaban, Mohamad Abou El-Nasr, Bassem Helal, Moustafa Hamoud</td>
<td></td>
</tr>
<tr>
<td>Telemedicine Network for Early Diagnosis and Care of Heart Malformations</td>
<td>268</td>
</tr>
<tr>
<td>A Novel Method for Pulse Onset Detection on Photoplethysmogram Using Changes of Waveform Trend</td>
<td>272</td>
</tr>
<tr>
<td>H. Zhu, Z.M. Zhang, L.Y. Zhang, X.W. He, L. Wang</td>
<td></td>
</tr>
<tr>
<td>Sensor-Based Detection of Alzheimer’S Disease-Related Behaviors</td>
<td>276</td>
</tr>
<tr>
<td>Samuel Pedro, João Quintas, Paulo Menezes</td>
<td></td>
</tr>
<tr>
<td>A High-Resolution Tile-Based Approach for Classifying Biological Regions in Whole-Slide Histopathological Images</td>
<td>280</td>
</tr>
<tr>
<td>R.A. Hoffman, S. Kothari, J.H. Phan, May D. Wang</td>
<td></td>
</tr>
<tr>
<td>A Novel Method for Identifying Continuity of Care in Hospital Discharge Summaries</td>
<td>284</td>
</tr>
<tr>
<td>Lucas Emanuel Silva e Oliveira, Andréia Cristina de Souza, Percy Mohama, Claudia Maria Cabral Moro</td>
<td></td>
</tr>
<tr>
<td>An Interpolation-Free and Fitting-Less Sub-sample Time-Delay Estimation Algorithm</td>
<td>288</td>
</tr>
<tr>
<td>C.A. Teixeira, M. Graça Ruano, W.C.A. Pereira</td>
<td></td>
</tr>
<tr>
<td>A Software Tool to Support the Health Technology Assessment (HTA) and the User Need Elicitation of Medical Devices via the Analytic Hierarchy Process (AHP)</td>
<td>292</td>
</tr>
<tr>
<td>L. Pecchia, F. Crispino, S.P. Morgan</td>
<td></td>
</tr>
<tr>
<td>Corneal Nerve Morphometry for Diabetic Peripheral Neuropathy Assessment</td>
<td>296</td>
</tr>
<tr>
<td>Susana F. Silva, Iulian Otel, Sofia Gouveia, Leonor Gomes, Luís Negrão, Maria João Quadrado, Nuno Gonçalves, João Pedro Barreto, António Miguel Morgado</td>
<td></td>
</tr>
<tr>
<td>weighted Gene Co-expression Network Analysis Applied to Head and Neck Squamous Cell Carcinoma Data</td>
<td>300</td>
</tr>
<tr>
<td>Fernanda Correia Barbosa, Joel P. Arrais, José Luís Oliveira</td>
<td></td>
</tr>
<tr>
<td>Design of a Clinical Decision Support System for Assisting in Empiric Antibiotic Treatments</td>
<td>304</td>
</tr>
<tr>
<td>J. Calvillo-Arbizu, L.M. Roa-Romero</td>
<td></td>
</tr>
<tr>
<td>Process Definition on Information Systems for Epidemiology and Public Health</td>
<td>308</td>
</tr>
<tr>
<td>V. Ramos</td>
<td></td>
</tr>
<tr>
<td>A Cytoscape-Based Web Tool for Representing Protein Networks</td>
<td>311</td>
</tr>
<tr>
<td>Renato P. Rodrigues, Joel P. Arrais, Edgar D. Coelho, José Luís Oliveira</td>
<td></td>
</tr>
</tbody>
</table>
Table of Contents

Interpretation of Long-Term Clinical Diabetes Data and Prediction of Glycemic Control Based on Data Mining Techniques ........................................ 315

Sub-band Mean Phase Coherence for Automated Epileptic Seizure Detection .......................................................... 319
  M. Bandarabadi, J. Rasekhi, C. A. Teixeira, A. Dourado

Influence of Circadian Rhythms on Epileptic Seizure Predictors Based on Machine Learning Methods ........................................ 323
  B. Direito, C. A. Teixeira, F. Sales, Miguel Castelo-Branco, A. Dourado

Detection of Motion Artifacts in Photoplethysmographic Signals: Algorithms Comparison ........................................ 327
  R. Couceiro, Paulo Carvalho, R. P. Paiva, J. Henriques, I. Quintal, J. Muehlsteff

Specific EEG/ERP Responses to Dynamic Facial Expressions in Virtual Reality Environments ........................................ 331
  M. Simões, C. Amaral, P. Carvalho, Miguel Castelo-Branco

Distributed System for Acquisition and Processing the sEMG Signal .......................................................... 335
  J. M. Ferreira, C. Lima

Quantification and Modulation of Tremor in Rapid Upper Limb Movements ........................................ 339
  Paula Faria, Adriana Leal, António Freire, Cristina Januário, Miguel Patrício, Miguel Castelo-Branco

HeartWays Solution for Exercise Based Cardiac Rehabilitation .......................................................... 343
  J. P. Lázaro, S. Guillén, T. Meneu, A. Martínez

Management Tools for Medical Professionals for Prescription and Follow-up of Cardiac Rehabilitation Based on Physical Exercise Therapies ........................................ 347
  A. Martinez-Romero, S. Drobniak, R. Serafin, T. Meneu

Expanding the Scope of Electronic Nursing Documentation ........................................ 351
  S. Drobniak

Wearable Sensor for Real-Time Monitoring of Exercise Routines ........................................ 355
  A. Zanesco, F. M. Sacerdoti, Angel Blanch Esteve, L. Celić, R. Magjarević

Author Index .......................................................... 361

Keyword Index .......................................................... 365