

Session Date	Session Name	Paper Title	Corresponding Author	New Date	New Time	Location Moved From	Location Moved To	Withdrawn papers	New Presenter	Paper Has Been Moved to a Different Session	Rescheduled Sessions
Wednesday, 8/26/15		Ascending Stair Recognition Using Depth Sensing for Improved Intent Recognition of Lower Limb Prostheses	Tommaso Lenzi	26/08/2015	10:00-11:30					8.13 Human Machine Interfaces and Robotics Applications	
Wednesday, 8/26/15	5.3 Respiratory Engineering I	Design and Characterization of a Measurement System for Monitoring Pressure Exerted by Bronchial Blockers: In Vitro Trials	Carlo Massaroni						Niccolo Vallone		
Wednesday, 8/26/15	10.5 Body Sensor Networks for Personal Health	SEEQ MCT Wearable Sensor Performance Correlated to Skin Irritation and Temperature	Abhi Chavan					2523			
Wednesday, 8/26/15		Regulation of Nuclear Morphology by Actomyosin Components and Cell Geometry	Nisha Mathias Ramdas						Qingsen Li		
Wednesday, 8/26/15		A New Femtocaching File Placement Algorithm for Telemedicine	Warren Pak Tao Leung						Mohammad Shikh-Bahaei		
Wednesday, 8/26/15		Design and Implementation of an Intelligent Belt System Using Accelerometer	Botong Liu						Xiaohui Duan		
Wednesday, 8/26/15		Automatic Localization of the Left Ventricle in Cardiac Mri Images Using Deep Learning	Omar Emad						Inas Yassine		
Wednesday, 8/26/15		Comparison of Oral Surgery Task Performance in a Virtual Reality Surgical Simulator and an Animal Model Using Objective Measures	Ioanna Ioannou						Ed Kazmierczak		
Wednesday, 8/26/15		Reconfigurable Neuromorphic Computation in Biochemical Systems	Jie-Hong R. Jiang						François Fages		
Wednesday, 8/26/15		Removing Movement Artifacts from Equine ECG Recordings Acquired with Textile Electrodes	Antonio Lanata						Enzo Pasquale Scilingo		
Wednesday, 8/26/15		On the Tridimensional Estimation of the Gaze Point by a Stereoscopic Wearable Eye Tracker	Antonio Lanata						Enzo Pasquale Scilingo		
Wednesday, 8/26/15		Symbolic Dynamics of Pulse Transit Time and Heart Period in Children with Upper Airway Obstruction	Mathias Baumert						Sarah Anita Immanuel		
Wednesday, 8/26/15	2.M1 Frontiers in Phase Contrast X-ray Imaging for Biomedical Applications	Current Limitations and Obstacles for Phase Contrast CT in Clinical Practice	Thomas Flohr						Rainer Raupach		

Wednesday, 8/26/15		Automatic Segmentation of Rima Glottidis in 4D Laryngeal CT Scans for Early Detection of Parkinson's Disease	Sajini Hewavitharanage						Marimuthu Palaniswami		
Thursday, 8/27/15		An Empirical Study of the Robustness of the Soft Prior Regularization in Tomographic Microwave Imaging	Amir H Golnabi	27/08/2015	10:00-11:30					2.35 Image Segmentation, Compression and Enhancement	
Thursday, 8/27/15	8.M1 Bio-hybrid Systems: Enabling Technologies for Quasi-Living Robots	Stem cells and cell engineering strategies as possible tools for bio-hybrid systems	Lino Ferreira		13:45-14:00						
Thursday, 8/27/15		Control of the One Dimensional Map Dynamics of the Cardiac Action Potential Duration	Sabir Jacquir	27/08/2015	16:00-17:30					1.48 Nonlinear and Nonstationary Analysis of Biosignals	
Thursday, 8/27/15	7.6 Novel Biomaterials Technologies	Development of Technique for Laser Welding of Biological Tissues Using Laser Welding Device and Nanocomposite Solder	Alexander Gerasimenko		10:00-11:30				Sergey Selishchev		
Thursday, 8/27/15	1.46 Connectivity, Causality and Phase Locking in Biomedical Signals	Seizure Prediction by Analyzing EEG Signal Based on Phase Correlation	Mohammad Zavid Parvez					712			
Thursday, 8/27/15		Experimental and Credentialing Capital: An Adaptable Framework for Facilitating Science Outreach for Underrepresented Youth	John Drazan						Eric Ledet		
Thursday, 8/27/15		Classification of Finger Vibrotactile Input Using Scalp EEG	Yongtian He						José Contreras-Vidal		
Thursday, 8/27/15		Image Features of Spectral Correlation Function for Arrhythmia Classification	Aya Khalaf						Mohamed Owis		
Thursday, 8/27/15		Estimation of Vocal Folds Plane in 3D CT Images for Diagnosis of Vocal Folds Abnormalities	Sajini Hewavitharanage						Marimuthu Palaniswami		
Thursday, 8/27/15		Brain Tissues Atrophy Is Not Always the Best Structural Biomarker of Physiological Aging: A Multimodal Cross-Sectional Study	Andrea Cherubini						Maria Eugenia Caligiuri		
Thursday, 8/27/15		Selection and Mutation in X-Linked Recessive Diseases Epidemiological Model	Francesca Verrilli						Carmen Del Vecchio		
Thursday, 8/27/15	6.12 Brain Physiology and Modeling I	Healthy and Pathological Cerebellar Spiking Neural Networks in Vestibulo-Ocular Reflex	Claudia Casellato						Alberto Antonietti		

Thursday, 8/27/15		Design of Mechanical Interface to Re-Distribute Excess Pressure to Prevent the Formation of Decubitus Ulcers in Bed Ridden Patients	Sharmila Nageswaran		16:00 - 17:30		Gold Room-Poster Board A 131		Sudesh Sivarasu	6.35 Rehabilitation IV	
Thursday, 8/27/15		Estimation of Penetrated Bone Layers During Craniotomy Via Bioimpedance Measurement: A Preliminary FEM Study Shows Promise	Daniel Teichmann		10:00 - 11:30		Gold Room-Poster Board B 261			3.21 Bioelectric Sensors and Sensor Systems	
Thursday, 8/27/15	1.16 Signal Processing in Physiological Systems III: Functional Neuroimaging	Functional Mesh Model with Temporal Measurements for Brain Decoding	Itir Onal					987			
Thursday, 8/27/15	6.37 Neural Signal Processing III	A Computationally Efficient Order Statistics Based Outlier Detection Technique for EEG Signals							Satyaki Mazumder		
Friday, 8/28/15	6.LB2 Neural and Rehabilitation Engineering	Gait Related Electrocardiac Activity During Treadmill Walking in Healthy and Post-Stroke Subjects	Fiorenzo Artoni		16:00-17:30						
Friday, 8/28/15	1.LB1 Biomedical Signal Processing	Seizure Prediction by Extracting Relative and Fine Changes of Signal Transitions	Mohammad Zavid Parvez					3585			
Friday, 8/28/15		Backprojection Regularization with Weighted Ramp Filter for Tomographic Reconstruction	Zhenglin Wang						Ivan Lee		
Friday, 8/28/15		An Affordable Diagnostic Pseudo 3D Retina Image Synthesis	Shyam Vasudeva Rao						Bharath Hegde		
Friday, 8/28/15		A Multi-Channel Biomimetic Neuroprosthesis to Support Treadmill Gait Training in Stroke Patients	Simona Ferrante						Noelia Chia Bejarano		
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Friday, 8/28/15		Contactless Vision-Based Pulse Rate Detection of Infants under Neurological Examinations	Harish Bhaskar							2.40 Optical Imaging and Image Analysis	
Saturday, 8/29/15		Contextualizing Complex High Volume Physiological and Drug Data in the Neonatal Intensive Care Unit	Nadja Bressan						Carolyn McGregor		
Saturday, 8/29/15	4.LB1 Bioinformatics and Computational Biology; Systems Biology; Modeling Methodologies	Computer Model of Semicircular Canal	Nenad Filipovic		10:00 - 11:30		Gold Room - Poster Board B 276				

Saturday, 8/29/15		Mapping of Arterial Location for the Design of Automated Identification and Analysis Algorithms in Whole Body MRA	Lynne McCormick							Jonathan Weir-McCall		
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