	June 15-16 BSN POSTER SESSIONS (Titles and Locations)				
#voster#	Paper #	Corresponding Author	Poster Session Titles	SchCode	
1	2		A Framework for Probabilistic Segmentation of Continuous Sensor Signals	WeAM_Coffee_Break.	
2	3		An Alternating Controlled Functional Electrical Stimulation Strategy Based on Sample Entropy for Rehabilitation of Lower Extremity Hemiplegia		
3	8		Capacitive Detection of Filling Levels in a Cup	WeAM_Coffee_Break.	
4	9		Identification of Isolated Biomechanical Parameters with a Wireless Body Sensor Network	WeAM_Coffee_Break.	
5	10	Büthe, Lars	A Wearable Sensing System for Timing Analysis in Tennis	WeAM_Coffee_Break.	
6	11		HIPAA Compliant Wireless Sensing Smartwatch Application for the Self-Management of Pediatric Asthma	WeAM_Coffee_Break.	
7	14	Chen, Hsieh-Ping	Online Segmentation with Multi-Layer SVM for Knee Osteoarthritis Rehabilitation Monitoring	WeAM_Coffee_Break.	
8	16	. ,	A Wearable Wireless Sensor for Cardiac Monitoring	WeAM_Coffee_Break.	
9	19	Bergmann, Jeroen	Probabilistic Sensor Network Design	WeAM_Coffee_Break.	
10	22		Deep Learning for Human Activity Recognition: A Resource Efficient Implementation on Low-Power Devices	WeAM_Coffee_Break.	
11	23	Chen, Lei	Identifying Usage Anomalies For ECG-Based Sensor Nodes	WeAM_Coffee_Break.	
12	24		Quantification of Respiratory Sinus Arrhythmia Using the IPANEMA Body Sensor Network	WeAM_Coffee_Break.1	
13	25	, ,	Wearable Trick Classification in Freestyle Snowboarding	WeAM_Coffee_Break.1	
14	26	Simonnet, Mathieu	Heart Rate Sensors Acceptability: Data Reliability vs. Ease of Use	WeAM_Coffee_Break.	
15	27	Ding, Yi	ECG Compression for Mobile Sensor Platforms	WeAM_Coffee_Break.	
16	28	Shinde, Nikhil	Bio-Signal Based Emotion Detection Device	WeAM_Coffee_Break.1	
17	30	Diaz, David	Hands Free Mouse	WeAM_Coffee_Break.	
18	31	Shinde, Nikhil	Brain-Controlled Driving Aid for Electric Wheelchairs	WeAM_Coffee_Break.	
19	32	Callejas-Cuervo, Mauro	Capture and Analysis of Biomechanical Signals with Inertial and Magnetic Sensors as Support in Physical Rehabilitation Processes	WeAM_Coffee_Break.	
20	34	Fu, Hailing	Footstep Energy Harvesting Using Heel Strike-Induced Airflow for Human Activity Sensing	WeAM_Coffee_Break.	
21	38	Merrill, Nick	Classifying Mental Gestures with In-Ear EEG	WeAM_Coffee_Break.:	
22	41	Li, Huihui	Quantitative Analysis of Spine Angle Range of Individuals with Low Back Pain Performing Dynamic Exercises	WeAM_Coffee_Break.:	
23	42	Rajagopalan, Ramesh	Energy Efficient Routing Algorithm for Patient Monitoring in Body Sensor Networks	WeAM_Coffee_Break.:	
24	43	Lemoyne, Robert	Wearable Body and Wireless Inertial Sensors for Machine Learning Classification of Gait for People with Friedreich s Ataxia	WeAM_Coffee_Break.2	
25	44	Qureshi, Asma	Longitudinal Estimation of Gait Time Series Density in Multiple Sclerosis Subjects Using Out-Of-Clinic Inertial Data	WeAM_Coffee_Break.2	
26	48	Nahapetian, Ani	Edemeter: Wearable and Continuous Fluid Retention Monitoring	WeAM_Coffee_Break.:	
27	50	Moatamed, Babak	Low-Cost Indoor Health Monitoring System	WeAM_Coffee_Break.	
28	52	Gao, Ju	ECG Feature Detection Using Randomly Compressed Samples for Stable HRV Analysis Over Low Rate Links	WeAM Coffee Break.	
29	53	Lo, Benny	Wireless Wearable Self-Calibrated Sensor for Perfusion Assessment of Myocutaneous Tissue	WeAM Coffee Break.	
30	55	Zhang, Zhiqiang	Blind Source Separation and Artefact Cancellation for Single Channel Bioelectrical Signal	WeAM Coffee Break.	
31	58	Hörmann, Timm	A Software Assistant for User-Centric Calibration of a Wireless Body Sensor	WeAM Coffee Break.	
32	59		Unobtrusive Real-Time Heart Rate Variability Analysis for the Detection of Orthostatic Dysregulation	WeAM Coffee Break.	
33	60		Beat-To-Beat Ambulatory Blood Pressure Estimation Based on Random Forest	WeAM Coffee Break.	
34	62	0	Battery Runtime Optimization Toolbox for Wearable Biomedical Sensors	WeAM Coffee Break.	
35	64	Patel, Pragnesh	Tracking the Behavior of UWB Transmissions in Invasive BCI Applications	WeAM Coffee Break.	
36	68		Non-Invasive Biomedical Patch Sensor to Measure Intracranial Pressure	WeAM Coffee Break.	
37	73	Ozturk, Yusuf	A Sensor Cluster to Monitor Body Kinematics	WeAM Coffee Break.	
38	74	Sun, Ye	Investigation of Motion Artifacts for Biopotential Measurement in Wearable Devices	WeAM Coffee Break.	
39	75		A Novel Approach to Detect Localized Muscle Fatigue During Isometric Exercises	WeAM Coffee Break.	
40	76	Nemati, Ebrahim	Gait Velocity Estimation for a Smartwatch Platform Using Kalman Filter Peak Recovery	WeAM_Coffee_Break.	
41	78	Patel, Rutul	Investigating the Feasibility of Multiple UWB Transmitters in Brain Computer Interface (BCI) Applications	WeAM Coffee Break.	
42	79		Hand Smoothness in Laparoscopic Surgery Correlates to Psychomotor Skills in Virtual Reality	WeAM Coffee Break.	
43	82	0 /	A Vocal Modulation Model with Application to Predicting Depression Severity	WeAM Coffee Break.	
44	83	,	A Multimodal Sensor System for Automated Marmoset Behavioral Analysis	WeAM Coffee Break.4	
45	84		Different Regressors for Linear Modelling of ElectroEncephaloGraphic Recordings in Visual and Auditory Tasks	WeAM Coffee Break.4	
46	86	<u> </u>	Determining Physiological Significance of Inertial Gait Features in Multiple Sclerosis	WeAM Coffee Break.	
46	87		Bed Angle Detection in Hospital Room Using Microsoft Kinect V2		
		Liu, Liang		WeAM_Coffee_Break.	
48	92		Comparison of Three Different Physiological Wristband Sensor Systems and Their Applicability for Resilience and Work Load Monitoring	WeAM_Coffee_Break	
49	93	Buller, Mark J.	Validity of Wrist Based Heart Rate Monitors for the Physiological Assessment of Swiss Army Recruits	WeAM_Coffee_Break.	
50	94	Delves, Simon K.	The Validation of the US Army Estimated Core Temperature Algorithm During a 35 km Swiss Army March in the Cold	WeAM_Coffee_Break.4	
51	95	Veenstra, Bertil J.	A Comparison of Algorithms Estimating Distance Covered on Foot by Soldiers Over Graded Terrain	WeAM_Coffee_Break.	