01 - Characterization of silver nanowire based conductive elastomers for use in biomedical applications
Flurin Stauffer, Vincent Martinez, Mohammed Adagunodo, Janos Vörös, Alexandre Larma-gnac
ETH Zurich, University of Bern

02 - An Efficient Method for Assessing the Accuracy of 3D Orientation of Inertial and Magnetic Sensors
Zunyi Tang, Toshiyo Tamura, Masaki Sekine, Masaki Yoshida, Wenxi Chen
Osaka Electro-Communication University, University of Aizu

03 - Fully Wearable, Stand-alone Person Tracking for Long-term At-Home Monitoring
Michael Hardegger, Sinziana Mazilu, Dario Caraci, Frederik Hess, Daniel Roggen, Gerhard Tröster
ETH Zürich, University of Sussex

04 - A personalized and reconfigurable cyberphysical system to handle multi-parametric data acquisition and analysis for mobile monitoring of epileptic patients
A. Bideaux, P. Anastasopoulou, A. Cañadas, A. Fernandez, S. Hey
Karlsruhe Institute of Technology (KIT), Sensing and Control

05 - Compact Implantable Circularly Polarized Patch Antenna for Biomedical Applications
Yong-Xin Guo, Changrong Liu
National University of Singapore

06 - Using Spikerbox as An Education Toolkit of Body Sensor Network for Brain Activity Monitoring
Gokul Prabhakaran, Walter Voit
The University of Texas at Austin, The University of Texas at Dallas

07 - Voodoo and DVR in a 3D Tele-Immersive Environment
Suraj Raghuraman, Karthik Venkatraman, Balakrishnan Prabhakaran, Xiaohu Guo
The University of Texas at Dallas

08 - Development of an Array Sensor for Measuring Radial Pulse Wave
Young-Ju Jeon, Jaeuk U. Kim, Young-Min Kim, Jang-Han Bae, Jong-Yeol Kim
Korea Institute of Oriental Medicine

09 - Evaluation of Green Light PPG in Heart Rate Variability Parameters
Yuka Maeda, Masaki Sekine, Toshiyo Tamura, Koichi Mizutani
University of Tsukuba, Osaka Electro-Communication University

10 - A Movement Based Personal Health System for the Ambulatory Monitoring of Dementia Progression
Salvatore Tedesco, Michael Walsh, Brendan O'Flynn, Eamonn Newman
University College Cork, University College Dublin

11 - Detection of gait phases using Orient specks for mobile clinical gait analysis
R.L. Evans, D.K. Arvind
University of Edinburgh

12 - Enabling High-Speed Data Acquisition with Compressive Sampling
Rolf Adelsberger, Gerhard Tröster
ETH Zürich

13 - An Appstore Framework for Body Sensor Networks
Andrea Gaglione, Benny Lo, Guang-Zhong Yang
Imperial College London

14 - Performance Comparison of Two Step Segmentation Algorithms using Different Step Activities
Heike Leutheuser, Sina Doelfel, Dominik Schuldhaus, Samuel Reinfelder, Bjoern Eskofier
University of Erlangen-Nürnberg (FAU)

15 - A Simple and Robust Stride Length Estimation Method using Foot-mounted Micro Gyroscopes
Zhiqiang Zhang, Charence Wong, Benny Lo, Guang-Zhong Yang
Imperial College London

16 - Optimal Design for Symbiotic Wearable Wireless Sensors
Priyanka Bagade, Ayan Banerjee, Sandeep Gupta
Arizona State University

17 - Inertial Sensing Simulations Using Modified Motion Capture Data
Per Karlsson, Benny Lo, Guang-Zhong Yang
Imperial College London

18 - A Fully-Coupled Hybrid IEEE 802.15.4a Ultra-Wideband/Inertial Sensor Platform for Wearable Applications
Michael Walsh, Salvatore Tedesco, Tingcong Ye, Brendan O'Flynn
University College Cork

19 - Application of Root Mean Square Ratio of Trunk Acceleration for Evaluation of Parkinson's Disease
Masaki Sekine, Toshiyo Tamura, Masaki Yoshida, Tomoyuki Uchiyama
Osaka Electro-Communication University, Dokkyo Medical University

20 - Unsupervised Time Series Segmentation for High-Dimensional Kinematic Data Streams
David Haber, Andreas Thomik, Aldo Faisal
Imperial College London

21 - A Usability User Study Concerning Free-Hand Microgesture and Wrist-Worn Sensors
David Way, Joseph Paradiso
MIT Media Lab

22 - Validation of the e-AR sensor for gait event detection using the Parotec foot insole with application to post-operative recovery monitoring
Delaram Jarchi, Benny Lo, Edmund Ieong, Dinesh Nathwani, Guang-Zhong Yang
Imperial College London

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This symbol indicates that a demonstration is available at the poster.