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\* Author Name – Corresponding Author • \* Following Paper Title – Paper not Available

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**Chair:** Friedl, Karl (University of California at San Francisco)

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<b>Chair:</b> Yeatman, Eric M. (Department of Electrical and Electronic Engineering, Imperial College London)		
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<i>Liu, Zhiqiang (University of Science and Technology of China); LIU, BIN* (University of Science and Technology of China); Chen, Chang (University of Science and Technology of China); Chen, Chang Wen (University at Buffalo, the State University of New York)</i>		

11:30-11:45	ThAT4.2
<b>Accurate Personal Ultraviolet Dose Estimation with Multiple Wearable Sensors</b> .....	347-352
<i>Li, Jinyang (Tsinghua University); Liu, Yongpan (Tsinghua University); Li, Hehe* (Tsinghua University); Hua, Rui (Beihang University); Xue, Chun Jason (City University of Hong Kong); Lee, Hyung Gyu (Daegu University); Yang, Huazhong (Tsinghua University)</i>	
11:45-12:00	ThAT4.3
<b>Wearable Alcohol Monitoring Device with Auto-Calibration Ability for High Chemical Specificity</b> .....	353-358
<i>Umasankar, Yogeswaran (Florida International University); Jalal, Ahmed Hasnain (Florida International University); Gonzalez, Pablo (Florida International University); Chowdhury, Mustahsin (Florida International University); Alfonso, Alejandro (Florida International University); Bhansali, Divya* (Florida International University)</i>	
<b>ThBT4: 14:15:15:30</b>	
<b>Wearable Biomechanics</b>	
<b>Chair:</b> Chen, Kong (National Institutes of Health)	
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<i>Dutta, Arindam* (Arizona State University); Ma, Owen (Arizona State University); Bliss, Daniel W. (Arizona State University); Buman, Matthew P. (Arizona State University)</i>	
14:34-14:53	ThBT4.2
<b>A Double-Layer Automatic Orientation Correction Method for Human Activity Recognition</b> .....	365-370
<i>Wu, Xiaoxu* (University of California, Los Angeles); Xu, Xiaoyu (University of California, Los Angeles); Wang, Yan (UCLA); Kaiser, William (University of California, Los Angeles); Pottier, Greg (UCLA EE Department)</i>	
14:53-15:12	ThBT4.3
<b>Impact Forces During Running: Loaded Questions, Sensible Outcomes</b> .....	371-376
<i>Udofa, Andrew (Southern Methodist University); Ryan, Laurence (Southern Methodist University); Weyand, Peter* (Southern Methodist University)</i>	
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<i>Lee, Sunghoon Ivan* (Harvard Medical School); Daneault, Jean-Francois (Harvard Medical School); Weydert, Luc (Harvard Medical School); Bonato, Paolo (Harvard Medical School)</i>	
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<b>Chair:</b> Lo, Benny (Hamlyn Centre, Imperial College London)	
16:00-16:19	ThCT4.1
<b>HACMAC: A Reliable Human Activity-Based Medium Access Control for Implantable Body Sensor Networks</b> .....	383-389
<i>Karuppiah Ramachandran, Vignesh Raja* (University of Twente); Havinga, Paul J.M. (University of Twente); Meratnia, Nirvana (University of Twente)</i>	
16:19-16:38	ThCT4.2
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<i>Hesse, Marc* (CITEC, Bielefeld University); Adams, Michael (CITEC, Bielefeld University); Hörmann, Timm (CITEC, Bielefeld University); Rückert, Ulrich (CITEC, Bielefeld University)</i>	
16:38-16:57	ThCT4.3
<b>Towards an Open Data Framework for Body Sensor Networks Supporting Bluetooth Low Energy</b> .....	396-401
<i>Singh, Ninoshka* (Massachusetts Institute of Technology); Ricke, Darrell (MIT Lincoln Laboratory)</i>	
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<i>Fan, Dawei (University of Virginia); Gong, Jiaqi* (University of Virginia); Lopez Ruiz, Luis Javier (University of Virginia); Lach, John (University of Virginia)</i>	