IEEE BHI-BSN 2019

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University of Illinois at Chicago

IEEE-EMBS INTERNATIONAL CONFERENCE ON BIOMEDICAL AND HEALTH INFORMATICS (BHI'19)

Jointly Organised With

THE 16TH IEEE-EMBS INTERNATIONAL CONFERENCE ON WEARABLE AND IMPLANTABLE BODY SENSOR NETWORKS (BSN'19)

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Workshop title:	Integrating and modeling multi-faceted daily and sleep data for precision sleep medicine and prevention of sleep disorders
Organizers	**1. Assoc. Prof. Panagiotis D. Bamidis** **2. Dr. Christos A. Frantzidis**
Short description	The workshop aims to be a vivid forum for providing beyond the art insight into multi-modal, biomedical engineering approaches within the context of precision medicine for assessing sleep and sleep-related breathing disorders at early stages.
Contents	An indicative list of the workshop contents: 1. Organizational issues related with unobtrusive acquisition outside laboratory/clinical settings 2. Integration of features derived from heterogeneous recording modalities 3. Recent advances in precision sleep modelling and analysis
CVs of the organizers	**Assoc. Prof. Panagiotis Bamidis** has founded and leading four research groups in the area of medical informatics, assistive technologies, health services research and affective neuroscience. **Dr. Christos A. Frantzidis** is studying the effects of neurodegeneration, sleep disorders and the detrimental effects of microgravity on sleep physiology.