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**ThrAM-2 Applications**

Chair: Hiroaki Gomi, Nojun Kwak

Room: International Conference Hall II

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10:40 - 11:00 Classifying Human Activities with Temporal Extension of Random Forest  
Shih Yin Ooi<sup>1</sup>, Shing Chiang Tan<sup>1</sup>, Wooi Ping Cheah<sup>1</sup>  
<sup>1</sup>Multimedia University

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11:00 - 11:20 Echo State Network Ensemble for Human Motion Data Temporal Phasing: A Case Study on Tennis Forehands  
Boris Bacic<sup>1</sup>  
<sup>1</sup>Auckland University of Technology

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11:20 - 11:40 Unregistered Bosniak Classification with Multi-phase Convolutional Neural Networks  
Myunggi Lee<sup>1</sup>, Hyeogjin Lee<sup>1</sup>, Jiyong Oh<sup>1</sup>, Hak Jong Lee<sup>1</sup>, Seung Hyup Kim<sup>1</sup>, Nojun Kwak<sup>1</sup>  
<sup>1</sup>Seoul National University

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11:40 - 12:00 Direct Estimation of Wrist Joint Angular Velocities from Surface EMGs by Using an SDNN Function Approximator F  
Kazumasa Horie<sup>1</sup>, Atsuo Suemitsu<sup>2</sup>, Tomohiro Tanno<sup>1</sup>, Masahiko Morita<sup>1</sup>  
<sup>1</sup>University of Tsukuba <sup>2</sup>Sapporo University of Health Sciences

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