Doctoral Consortium IEEE CBMS 2018

June 21, 09:00-12:00

Karlstad, Sweden

9-9:20	Wearable Technologies to Support the Assessment of Physical Activity Functions for Acute Stroke Rehabilitation.	Graham McCalmont, Ulster University
9:20-9:40	Development and Experimental Evaluation of a Cognitive User Interface for Multi-Touch Tables to Support Diagnostic Reasoning	Caroline Leroy, Leibniz-Institut für Wissensmedien Tübingen, Germany
9:40-10	PhD thesis - Implementation and validation of a diagnostic model in obstructive sleep apnea: a Bayesian network approach	Daniela Ferreira-Santos, University of Porto
10-10:20	A Hybrid Model to predict the glucose oscillation for patients with type 1 diabetes and suggest customized recommendations	João Paulo Aragão Pereira, Universidade de São Paulo
10:20-10:40	Coffee Break	
10:40-11	Predicting Disease Using a Hidden Variable in Structure Learning approaches	Leila Yousefi, Brunel University London
11-11:20	Representative models to predict decisions and detect anomalous behaviours without data sharing: a case of study in obstetric	Giovana Jaskulski Gelatti, University of Porto
11:20-11:40	3D mammogram: toward a new tool to aid breast surgery planning	Inês C. Moreira, University of Porto
11:40-12	Challenges in the aggregation of biomedical datasets and probabilistic approaches to overcome representational heterogeneity	Alexia Sampri, Manchester University

CHAIRS: Prof. Pieter Toussaint and Prof. Alan Tucker