WT2.9: University of Bradford

Report

Activities performed during the visit at the Wroclaw University of Technology

Task leader name: Urszula Markowska-Kaczmar

Visiting person name: prof. Daniel Neagu

Period: 22.05-26.05.2015

Authors: Urszula Markowska-Kaczmar

ENGINE Centre, Wrocław University of Technology
Wyb. Wyspiańskiego 27, building A1, room 203k
50-370 Wrocław, Poland
tel.: +48 71 320 3453, email: engine@pwr.wroc.pl

European research centre
of **N**etwork intelli**G**ence for
INnovation **E**nhancement

1 Personal Information

Prof. Daniel Neagu leads AI research group at the University of Bradford, England

2 Seminars

The seminar entitled:

A framework for comparing heterogeneous objects: on the similarity measurements for fuzzy, numerical and categorical attributes

was given on May 25, 2015. in room 12-0/201 building D2 for Computational Intelligence Department of Wroclaw University of Technology.

3 Scientific activities

Professor Daniel Neagu visited the Wroclaw University of Technology [AI research group] part of the EC FP7 project ENGINE collaborative work. The focus of the 6 day visit was to continue the collaborative work initiated in previous meetings and discussions, with a view to explore future research partnerships.

He has his research presentation on 'A framework for comparing heterogeneous objects on the similarity measurements for fuzzy, numerical and categorical attributes'. Prof. Neagu has also the presentation of the University of Bradford Faculty of Engineering and Informatics facilities, AI Research Group projects and partnerships. The meeting was attended by Professor Przemysław Kazienko, Professor Halina Kwasnicka, Dr Urszula.Markowska-Kaczmar, Dr Martin Tabakov]; discussions with Dr Martin Tabakov about his visit to the Visual Computing Research Group at the University of Bradford in June 2015. Introduction to the UK R&D funding schemes (RCUK, EPSRC, Innovate UK) and current research interests, industry contacts (such as LHASA, BMA, HebeWorks), Digital Health Enterprise Zone and Digital Catapult Centre Yorkshire. Introduction of University of Bradford research expertise in AI, Software Engineering, Testing and Validation, Automotive Engineering, Health Informatics, Open and Big Data. Introduction of databases hosted at Bradford: Born in Bradford, COSMOS (predictive toxicology), multi-agent system simulations.

It was also a discussion with AI Research Group (Professor Halina Kwasnicka and Dr Urszula.Markowska-Kaczmar) on possible collaborations in research projects and papers on 1) personalised healthcare, with issues related to security and privacy, together with educating the person on their data, integrating and accessing data, for example on long term health conditions; 2) smart cities, data sharing, open and big data challenges.

Prof. Neagu participated in two special sessions and poster presentations at the CORES'2015 conference. During the breaks we discussed with conference invited speakers and attendees, mainly from University of Notre Dame, Virginia Commonwealth University, University of Porto and WrUT. He also attended undergraduate student project tutorial: discussions with students and academic staff on projects, employability and academic curriculum.