

KES2010

14th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems

8, 9 and 10 September 2010, Cardiff, Wales, UK

Special Session on

Application of Knowledge Models in Healthcare

Call for session papers

Healthcare is a domain with traditionally rich applications of various knowledge models and expert systems. The emergent technologies of semantic knowledge management facilitate the practical, often automated exploitation of the domain knowledge. The session focuses on this process, including:

- knowledge representation and modelling, medical ontologies, etc.
- barriers of implementation of biomedical ontologies in real clinical environments
- reasoning and inference, application of rule bases
- fuzzy/evolutionary search and knowledge discovery
- semantic querying
- data federation and system integration

in the healthcare domain.

Chairs

István VASSÁNYI, senior lecturer
University of Pannonia, Department of
Electrical Eng. and Information Systems
Egyetem u. 10., Veszprém, Hungary, H-8200
e-mail: vassanyi@almos.vein.hu
Tel.: +36 88624320
Fax.: +36 88624526

György SURJÁN, acting director
National Institute for Strategic Health
Research
POB 637 Budapest, Hungary, H-1243
e-mail: surjan.gyorgy@eski.hu
Tel.: +36 1-354-5355
<http://www.eski.hu/surjan>

Submission Deadlines

Submission of full papers: **1 March 2010**

Notification of acceptance: **1 Apr 2010**

Camera-ready papers to be received by: **1 May 2010**

Instructions for Authors

Papers must be prepared according to the Instructions for Authors of the KES'2010 Conference (<http://kes2010.kesinternational.org/>) and submitted by email to the session chairs. The conference proceedings will be published by Springer-Verlag as part of the LNCS/LNAI series. Extended versions of selected papers will be considered for publication in the KES Journal (www.kesinternational.org/journal/). All papers must be presented by one of the authors who must register for the conference.

For further information, please contact the special session chairs or the conference website. See you in Cardiff,

I.Vassányi and Gy. Surján