Dear readers,

Welcome you to the new issue of the Journal of Systems Integration. In this issue you can find five interesting articles mainly focused to the semantics, ontology and knowledge discovery and sharing.

First of all I would like to highlight article of Katharina Görlich and Frank Leymann: "Orthogonal Meta-Modeling". For the enhancement of conventional meta-modeling article discusses the specification of semantic dependencies in meta-modeling hierarchies. The introduction of semantic layers to the conventional meta-modelling hierarchy improves automated model transformations and helps to improve the expressiveness in the design of meta-modelling-based software architectures.

The underlying problems of semantics representation can be found in all industries including construction, where provides users with the ability to develop customized searches in a varied and multiple databases. It is discussed in the article of Vladimir Nyvit: "Metadata and their impact on processes in Building Information Modeling"...

How to discovery knowledge in databases we can read in the article of Milan Simunek: "LISp-Miner Control Language description of scripting language implementation". The main purpose of this language is to provide programmable means to all the features of the LISp-Miner system and mainly to automate main phases of data mining.

The web of today is a tremendous mass of information. How to enhance effectiveness of searching deals webometrics that tries to get knowledge about the numbers and types of hyperlinks, structure of the web and usage patterns. With the special problem of "Mathematical representation of the patterns in URL" deals article of Roman Hujer.

Knowledge Management is nothing new, how is shown in the article of Jakub Chvatal a Ladislav Burita: "The Legacy of Tomas Bata to the Information Processing for the Development of Enterprise". Famous Czech businessman Tomas Bata was so successful also because he was able to work with information and knowledge efficiently. Even it can be assumed his corporation meets the characteristics of „learning organisation“ as we understand in the dimension of the information and knowledge society.

I hope you will find presented papers interesting and useful in your professional endeavors. I also welcome your comments to published articles and also to the overall level and timeliness of the content of our journal.

Sincerely yours

Zdenek Molnar - Editor in Chief