

## GUEST EDITOR's INTRODUCTION

This number of the *ZBORNIK RADOVA: Journal of information and organizational sciences* journal represents a selection of four highly screened papers presented at the 12<sup>th</sup> International Conference on Information and Intelligent Systems 2001.

The papers are published in alphabetical order, taking the surname of the first author as referential.

The paper *Decision tree analysis of the predictors of Internet affinity* by Goran Bubaš, Božidar Kliček and Željko Hutinski investigates the relations between the two criteria of affinity towards using Internet, namely the decision tree analysis and regression analysis. They claim that the decision tree analysis is more informative and that it provides greater insight into the structural relations of important predictor variable influencing the affinity mentioned.

Peter Macej and Jan Hreno in the paper *Domain modelling in support of the Web based communication* describe the project Webocracy, which aims at Web based and supported direct participation of citizens in democratic processes. As a modelling tool they use the well known *Protégé 2000* ontology editor.

In the paper *Modelling crisp and fuzzy qualitative temporal relations* Slobodan Ribarić and Bojana Dalbelo Bašić start with Allen's temporal relations between time intervals and derive new relations between the fuzzy time points and fuzzy time intervals.

Zoran Stejic, Yasufumi Takama and Kaoru Hirota in a paper titled *Improving retrieval effectiveness by integrated querying of images and text* propose new and advanced system, enabling simultaneous querying of the image and the text content of a document. As a query language they use the natural language expressions supported with fuzzy set theory, dealing with the vagueness of the natural language expressions.