Dear readers,

First of all I wish you all the best in the New Year 2014, the year we are launching fifth volume of the Journal of Systems Integration. During the past four years we have published 95 papers all together, written by 147 authors from more than 15 countries all over the world. Range of papers view (according the editorial systems counts) is app. from 400 up to 8000 each depending on their date of publishing.

Quality of each information system is depending on reliability, consistency, accuracy and completeness of the data. Data are also important for the systems integration. Therefore the first three papers of this issue dealing with problems of data.

Scientific simulations are characterized by complex computations and data management tasks. To guarantee reliable results as well as to reduce the execution time of such simulations the quality of data must be controlled and the workflow technology must be applied to produce traceable results and to reduce errors made by humans. However, steering such workflows is a largely unsolved problem. How to overcome this, is presented in paper of Michael Reiter, Uwe Breitenbücher, Oliver Kopp and, Dimka Karastoyanova.

Open Government Data offers many opportunities and promises significant benefits to governments, citizens and businesses. However there are also risks related to publication of Open Data that should be managed. In paper of Dusan Chlapek and Jan Kucera is presented and discussed a set of potential Open Data benefits and a set of possible risks that were identified by authors.

Many existing industrial and research data sets suffer of missing data. Problems associated with missing values are loss of efficiency, complications in handling and analyzing the data and bias resulting from differences between missing and complete data. The paper of Jiri Kaiser presents simple methods for missing values imputation.

Enterprise Application Integration (EAI) is a business computing term for the plans, methods, and tools aimed at modernizing, consolidating, and coordinating the computer applications in an enterprise. Typically, an enterprise has many existing legacy applications and databases and wants to continue to use them while adding or migrating to a new set of applications. The paper of Irene Nykiyimba: „Perceptions of Stakeholders in Evaluating Enterprise Application Integration: A Case Study of East African Banks“, is a very good example how to achieve a consensus among stakeholder when different stakeholders view the outcome of an EAI project from different perspectives and with different perceptions.

The small software companies are mostly not satisfied with the way their software development processes are supported by ERP systems. Based on the analysis of the literature and the market and own experience, the ERP system requirements specification for small software companies is proposed in paper written by Jan Mittner and Alena Buchalcevova.

Dear readers. That is all about content of this issue. I hope that you will find papers in this issue interesting and useful in your professional endeavors. Please do not hesitate to let me know your views about the content of this issue and your suggestions for improving the quality and professional standard of our journal.

I wish you all the best in the year 2014 once more.

Sincerely yours

Zdenek Molnar
Editor in Chief