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A WORD OF WELCOME FROM THE EDITORS

Dear Colleagues, Readers and Authors,

The fifth number of the “Central European Researchers Journal (CERES)” is published. This journal has been formed under project Tempus CERES -Centers of Excellence for young REsearchers (544137-TEMPUS-1-2013-1-SK-TEMPUS-JPHES). The project finishes this year. The project members are glad to represent own experience and result in organization and support of investigations of young researchers that are considered in papers:

- P. Kachurka, S. Parfamuk, V. Kachurka, “Center of Excellence for Young Researchers of Brest State Technical University”,
- S.Subbotin, “Work with Young Researchers: Experience of Zaporizhzhya National Technical University”.

We hope these publications will allow us to show the main content, subjects and relevance of the project, and to involve new members in the CERES community, as authors and readers of the journal CERES.

Three paper of this number are prepared by young researches from universities involved in the projects:

- R. Luža, F. Orság, M. Dražanský, J. Rozman, “Robot RUDA - Introduction and Current Research”,
- K. Kovalčíková, M. Slavík, Verification of Steady State in Blood Flow Experiments,
- M. Ondrušová, “Sensitivity of Red Blood Cell Dynamics in a Shear Flow”,
- P. Rusnák, “Transformation of Boolean Expression into Disjunctive or Conjunctive Normal Form”.

These publications can illustrate the project successful and excellent potential of our young colleagues.

And we glad to offer you two papers of authors that are not involved in the project, because we are hope to increase of the CERES journal authors and readers. The topics of this number cover different areas and problems in engineering and in information technology in particular. Besides the thematic criterion, all accepted papers can be divided into three groups: regular papers, student’s papers and methodological papers. The significant investigations are presented and discussed in the regular papers:

- A. Priyadharisini et al, “Image Fusion for CT AND MRI Scan Images using DWT”,
- A.V. Khyzhniak, O.V. Tomchenko, A.Yu.Porushkevych, “Application of the Remote Sensing in Environmental Management as the Interdisciplinary Approach”.

With best wishes

Prof. Vyacheslav Kharchenko
Prof. Elena Zaitseva

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Address of the editorial office: Central European Researchers Journal - editorial, Faculty of Management Science and Informatics, University of Zilina, Univerzinta 8215/1, 01026, Zilina, Slovakia, editorial@ceres-journal.eu

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