

## Foreword

We would like to offer you the section including the papers we have selected for the 1-st International Workshop on Integration of Information Technologies in Economic Research (ITER 2012). The workshop is co-located with 8-th International Conference on ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer (ICTERI 2012) held at Kherson, Ukraine on June 6-10, 2012.

The necessity to make decisions at different levels of any organization, to verify economical hypotheses and usage of gained knowledge in the learning process requires the use of IT to process relevant information. Moreover, the skills for analytical information processing in decision making can only be realized effectively with the use of IT. However, a substantial proportion of economic studies is still not supported by comprehensive mathematical, information, and communication tools and technologies – thus resulting in the lack of quality in research on both micro, macro, and industry levels. The objective of ITER is to serve as an interface between the researchers in economics and the mentioned technologies and tools. More particularly, the following fields of study are in our scope:

- Enterprises and product markets
- Labor markets and social policy
- Macroeconomics, financial markets
- Public economics
- International trade and regional integration
- Mathematical and information-based methods taught in Economic curricula

Under international level research many scientist and researchers use the Ukrainian and Russian language, which greatly limits the possibilities for the world community to become familiar with published papers. A rigorous peer review process has been applied in ITER which resulted in the offered selection of the two papers out of 11 submissions

The paper on “Direct and Indirect Impact Analysis of Ukrainian Industries on Gross Output and Labor Market in Leontief Model” opens our section and has more focus on the use of formal methods and ICT in economic research. It is complemented by the paper on the “Econometric Analysis of the Factors which Determine the Choice of University Entrants”.

We believe that the workshop will not only be interesting to the attendees but also provide useful recommendations for decision-makers in organizations.

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