

Foreword

It is our pleasure to offer you the selection of papers for the International Workshop on Algebraic, Logical, and Algorithmic Methods of System Modeling, Specification and Verification (SMSV 2012) which has been co-located with the 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.

Workshop SMSV 2012 is a successor of the International seminar on Specification and Verification of Hybrid Systems (SVHS) which was held in Kyiv (Ukraine) on October 10-12, 2011. The SVHS seminar was organized by Taras Shevchenko National University of Kyiv and Paul Sabatier University of Toulouse within the framework of the cooperation agreement between the universities. The seminar attracted scientists from Austria, France, Israel, and Ukraine. Presented papers demonstrated the interest in the topics on different formal methods of system development, and it was proposed to organize such seminars on a regular basis.

The scope of the SMSV Workshop was extended in order to cover the main phases of software system development. We hope that presentations and discussions will help to identify topics of mutual interest that can be considered as a base of project proposals to be submitted to international scientific programs.

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