

## Preface to special issue: EXPRESS 2011

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This issue of *Mathematical Structures in Computer Science* contains a selection of papers presented at the 18th International Workshop on *Expressiveness in Concurrency* (EXPRESS'11), a satellite event of CONCUR'11, held on September 5th, 2011 in Aachen, Germany.

The EXPRESS workshops aim at bringing together researchers interested in the expressiveness of various formal systems and semantic notions, particularly in the field of concurrency. Their focus has traditionally been on the comparison between programming concepts (such as concurrent, functional, imperative, logic and object-oriented programming) and between mathematical models of computation (such as process algebras, Petri nets, event structures, modal logics and rewrite systems) on the basis of their relative expressive power. The EXPRESS workshop series has run successfully since 1994 and over the years, this focus has become broadly construed.

This issue contains four extended and revised versions of selected papers presented at EXPRESS'11. All papers have undergone a reviewing process in accordance with the standards of MSCS.

We would like to thank the authors for their efforts in producing the extended versions contained in this journal issue. We are very grateful to the expert reviewers for their very careful reading; their help has been crucial in producing this issue. We would also like to thank the program committee of EXPRESS'11, for the evaluation of the proceeding versions of these papers, and Catuscia Palamidessi, who supported this special issue since its origins. Last but not the least, our special thanks go to the Editor-in-Chief for the opportunity of publishing in MSCS.

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