

PREFACE

Our friend and colleague Zoltán Ésik passed away in Reykjavik, Iceland, on Wednesday, 25 May 2016. Zoltán was a scientist of the highest calibre and has left behind a large body of deep and seminal work that will keep researchers in theoretical computer science busy for a long time to come. In particular, together with the late Stephen Bloom, Zoltán was the prime mover in the monumental development of Iteration Theories, a general theory of the logic of fixed-point operators. His research output includes contributions to automata theory, category theory, concurrency theory, formal languages, fuzzy sets and fuzzy logic, graph theory, logic in computer science, logic programming, order theory, semiring theory and universal algebra, amongst others. The breadth of research areas to which he has contributed bears witness to his amazing mathematical powers and to his curiosity.

This Special Issue collects a selection of the papers contributed by some of Zoltán Ésik's collaborators and colleagues in response to a call for journal papers we issued to honour his memory. We trust that the variety of the articles published in this Special Issue reflects, at least in part, Zoltán's varied research interests. We like to think that he would have enjoyed reading them and hope that these contributions will inspire young researchers to follow in Zoltán's footsteps.

We are grateful to all the colleagues who contributed articles to this special issue and to their reviewers. Finally, we thank Lars Birkedal, Fabio Zanasi, Stefan Milius and Brigitte Pientka for accepting to publish this Special Issue and for their support during its preparation.

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All articles have already been published in the regular issues of Logical Methods in Computer Science.