

The Fourth RuFiDiM Conference, Russian-Finnish Symposium in Discrete Mathematics

Preface

The fourth RuFiDiM conference, Russian-Finnish Symposium in Discrete Mathematics, took place in Turku in May, from 16th til 19th, 2017. The meeting was organized as a part of research activities between St. Petersburg Department of Steklov Mathematical Institute and the Department of Mathematics and Statistics of Turku University. The goal of the conference series is to enhance co-operation between Russian and Finnish mathematicians in discrete mathematics, but the symposium is open for a broader international audience. In the present event there were contributions from 10 different countries.

RuFiDiM 2017 consisted of six invited talks and 25 contributed presentations. The invited speakers were Volker Diekert (University of Stuttgart), Alexander Kostochka (University of Illinois at Urbana–Champaign), Alexei Miasnikov (Stevens Insitute of Technology), Igor Potapov (University of Liverpool), Aleksii Saarela (University of Turku) and Jouko Väänänen (University of Helsinki). The program was selected by the international scientific committee that included Jarkko Kari, Tero Laihonon, Alexander Okhotin, Svetlana Puzynina, Dmitry Karpov, Ilya Ponomarenko, and Vladimir Mazalov, along with the guest editors of this issue.

After RuFiDiM 2017, several speakers were invited to submit papers based on their talks to the special issue of *Fundamenta Informaticae*. All submitted papers underwent the usual refereeing procedure; seven of them were accepted and are presented in this special issue.

The organizers are grateful to the supporters of the symposium: Magnus Ehrnrooth Foundation, Turku University Foundation, Finnish Academy of Sciences (Mathematical Fund), the University of Turku, and Turku Centre of Computer Science (TUCS). In addition to the scientific committee, all authors and all reviewers deserve our special thanks. Finally, we express our gratitude to Markus Whiteland for editorial help, to the editorial office, and in particular to the Editor Damian Niwinski of *Fundamenta Informaticae* for fluent co-operation.

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