

Discrete Mathematics (RuFiDiM 14)

Preface

The third Russian-Finnish symposium on discrete mathematics (RuFiDiM 14) was held in Petrozavodsk, Russia, in September 2014. It was organized by the St. Petersburg Department of V.A. Steklov Institute of Mathematics of the Russian Academy of Sciences, Institute of Applied Mathematical Research of Karelian Research Center of the Russian Academy of Sciences, and the Department of Mathematics and Statistics of the University of Turku. The symposium was a part of collaboration of the Russian Academy of Sciences and the Academy of Finland. In addition, it was supported by the Russian Foundation of Basic Research. The symposium was devoted to discrete mathematics in broad sense.

The previous RuFiDiM symposiums were organized in St. Petersburg in 2011 and in Turku in 2012.

Co-chairs of the program committee were:

Yu.V. Matiyasevich
(V.A. Steklov Institute of Mathematics of the RAS, St. Petersburg),
V.V. Mazalov
(IAMR KarRC RAS, Petrozavodsk) and
J. Karhumäki
(University of Turku, Finland).

Members of the program committee were:

V. Halava
(University of Turku, Finland),
L. Zamboni
(University of Turku, Finland and Claude Bernard University Lyon 1, France),
S. Puzynina
(University of Turku, Finland),
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(V.A. Steklov Institute of Mathematics of the RAS, Moscow),

Yu. Pavlov

(IAMR KarRC RAS, Petrozavodsk).

The call for papers attracted 38 submissions. Out of these 32 were selected for presentation. In addition, there were four invited talks given by A. Zvonkin, A. Raigorodskii, J. Kari and J. Cassaigne. The abstracts of all presentations are shown in the website of the conference (<http://mathem.krc.karelia.ru/event.php?id=218&plang=r>).

This special issue contains final versions of 12 presentations, two of those being surveys given by invited speakers. All articles were reviewed according to standard criteria.

Finally, we thank all participants of the meeting, as well as all members of the program committee and reviewers for their valuable work. In particular, we want to thank the local organizers J. Chirkova, A. Ivashko, A. Kondratev, E. Morozov, Yu. Pavlov, A. Rettieva for very pleasant and smooth organization of the symposium. Finally, we are grateful to the editor of *Fundamenta Informaticae*, Prof. Damian Niwinski, for his constructive attitude for our meeting.

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(Editors)

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