PLISKA
STUDIA MATHEMATICA

ПЛИСКА
МАТЕМАТИЧЕСКИ СТУДИИ

PREFACE

Generally known as "Summer School", the following meetings were held jointly from 21 through 29 June, 2014:

- XVI-th International Summer Conference on Probability and Statistics;

- Seminar on Statistical Data Analysis;

- Workshop on Branching Processes and Applications.

The conference venue was the water-front hotel "Sopharma" situated in a charming spot on the beach of the Black Sea town of Pomorie, Bulgaria.

More information about the participants, science program, abstracts, history and other details can be found on the conference website:

http://stochastics.fmi.uni-sofia.bg/

On behalf of the Organizing Committee I would like to thank all participants for the interesting talks and discussions and for creating the nice atmosphere during the conference.

Traditionally, the Conference, the Seminar, and the Workshop were organized by the

- Institute of Mathematics and Informatics of the Bulgarian Academy of Sciences;

- Faculty of Mathematics and Informatics of the Sofia University St. Kl. Ohridski;

- Bulgarian Statistical Society;

- New Bulgarian University.

The joint meetings were dedicated to the 145 Anniversary of the Bulgarian Academy of Sciences and to the memory of B. A. Sevastyanov. The support of Steklov Mathematical Institute is highly appreciated. Invited address on the scientific and personal life of B.A.Sevastyanov was presented by V. A. Vatutin. The special contribution of N. A. Dmitriev in the theory of branching processes was recalled and a memorial paper about him is published in the Proceedings.

Some of the talks published in this volume are invited review papers. All articles are peered reviewed and on behalf of the Organizing Committee I would like

to thank all referees for their efforts to improve the Proceedings. It is my pleasure to thank all authors for their contributions and support during the publication process.

Many thanks to all members of the Scientific and Organizing Committees and especially to the Secretary of the Scientific Committee E. Stoimenova, the Secretary of the Organizing Committee R. Krachunov, the site-administrator D. Atanasov and the financial administrator N. Naceva. The Organizing Committee is very grateful to T. Parkhomenko for her excellent work on the final design of the Proceedings.

On behalf of the Organizing Committee it is my pleasure to express our thanks to the Mayor of the town of Pomorie Mr. Ivan Alexiev for his support and hospitality. As he said, "The doors of the town of Pomorie are always opened for the mathematicians", giving us the town's key. The participants closed the conference with the special song for Pomorie which is posed at the end of the Proceedings in English and Bulgarian.

The joint meetings are part of a series of conferences traditionally organized every other year. The next Summer School will be held during the last week of June, 2016.

Further information will appear on the website
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`http://stochastics.fmi.uni-sofia.bg`

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Editor and Chairman of the Organizing Committee