

Preface

XVII Geometrical Seminar, which took place in Zlatibor September 3–8, 2012, was organized by the Faculty of Mathematics of the Belgrade University and the Mathematical Institute of SANU (Serbian Academy of Sciences and Arts) in collaboration with Bogolubov Laboratory of Geometrical Methods Mathematical Physics Moscow, and Faculty of Sciences of University of Kragujevac.

This meeting was the largest one up to now from the series of Geometrical seminar meetings, since there were about 120 participants from 30 countries. Scientific activities featured invited lectures of 30 minutes and short communications of 15 minutes, organized in three sections.

The programme of the meeting was mainly related to some recent developments in differential geometry, topology, Lie theory, mathematical physics, integrable systems, visualization and some applications. We hope that articles presented here will be valuable literature not only for the participants of this meeting but also for many other PhD students and researchers in the topics of the conference.

We would like to gratitude to all of those who have contributed to the success of the conference and this proceedings: participants, lecturers, organizers. Specially, we thank all colleagues who offered us their manuscripts for publication. All articles included in this Proceedings passed the usual referring process. The selected papers among them, which consists mainly of original contributions were published in November's 2013 issue of the journal *Publications de l'Institut Mathematique*. We also thank all referees who played a significant role by reading the manuscripts carefully and making very precise and useful comments, that have contributed to the improvement of the final version of all papers.

Also, we would like to thank all institutions and sponsors who helped the organization of this Conference, which took place in Zlatibor, a mountain of extraordinary beauty. We hope that all attending this meeting will recall it

as a useful and pleasant event. More details about this meeting are available at: <http://poincare.matf.bg.ac.rs/~geometricalseminar/> .

Unfortunately, our dear colleague professor Franki Dillen, who contributed to this meeting, has passed away a few months after our conference. GS XVII was the last meeting to which he participated.

This volume is dedicated to Franki.

The Editors

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