

PREFACE

This volume of the Varna Conference Proceedings contains written versions of most of the contributions presented at the Eleventh International Conference on Geometry, Integrability and Quantization. As in the past, it took place at the Sts. Constantine and Elena resort on the Black Sea coast, this year from June 5 -10, 2009.

The Conference provided a setting for discussing recent developments in a wide variety of topics in Differential Geometry, General Relativity, Quantum Theory and Integrable Systems such as General Relativity Models for Compact Bodies, Symplectic and Contact Geometry, Partial Differential Hamiltonian Systems, Star Products and Star Exponentials, Generalized Fourier Transform \mathcal{C} -Spectral Sequences, Low Genus Surfaces and Harmonic Sections, Toric Kähler-Sasaki Geometry, and Secondary Calculus.

The conference has been a good opportunity for many participants coming from Bulgaria, the Czech Republic, Italy, Japan, Poland, Portugal, Romania, Turkey and the USA to present and discuss topics in their respective research areas.

The inclusion of four morning general lectures on *Toric Kähler-Sasaki Geometry* and four morning general lectures on *Secondary Calculus*, was highly appreciated for the speakers efforts to present ideas and methods in a lively and pedagogical way.

We would like to thank all participants for their contributions to the Conference program and for their contributions to these Proceedings. Our special thanks go to Mrs. Mariana Hadzhilazova for her devoted assistance in the overall organization of the conference and the help in preparing the volume. Many thanks go as well to the Bulgarian participants for their support and hospitality, which allowed foreign participants to feel more at home. This contributed to create a joyful Conference atmosphere that found its maximal expression at a social dinner in which many participants showed their dancing ability. The only complaint might be the lack of clarity by Alexander Vinogradov concerning differential geometric methods he has used for walking barefoot on tenterhooks.

We are looking forward to the twelfth International Conference on Geometry, Integrability and Quantization which will be held on June 4-9, 2010 at the same location. We hope that it will be as interesting and enjoyable as all of its eleven predecessors.

The Editors