PREFACE

It is with great pleasure that we present the proceedings of the Ninth International Conference on Geometry, Integrability and Quantization. As in previous years, it took place at the Sts. Constantine and Elena resort on the Black Sea coast from June 8–13, 2007.

As in the past, we have been successful in bringing together specialists from a wide variety of fields, going from Lie groups via functional analysis to biophysics, including topics such as homogeneous spaces, coadjoint orbits, Banach Toda lattices, geometric quantization, stochastic quantization, coherent states, harmonic analysis, Riemannian geometry, gauge theory, integrable systems, supersymmetry, Yang-Mills theory, gravitational waves and many more.

The excursion, scheduled halfway through the conference, was a welcome day of respite from the dense scientific program and provided all participants the opportunity to enjoy the Black Sea coast on a very sunny day. The other days were filled with lots of interesting lectures. Fortunately those lectures were prepared for a public of non-specialists, as the audience represented specialists from fields that were sometimes far apart.

Our thanks go first and foremost to all participants who, by their presence and scientific contributions, made this conference such a success. Many thanks are also due to the Bulgarian participants for their hospitality and support which allowed the foreign participants to find their way. Special thanks go to Mariana Hadzhilazova and Ivaylo Zlatanov for their effective assistance in the organization of the conference.

It is also our pleasant duty to acknowledge the financial support from the European Mathematical Society and the Institute for Nuclear Research and Nuclear Energy of the Bulgarian Academy of Sciences.

We are looking forward to the tenth International Conference on Geometry, Integrability and Quantization that will be held on June 6–11, 2008 at the same location. We hope that it will prove as satisfactory as all of its nine predecessors.

The Editor