

PREFACE

This volume contains selected papers based on the talks, presented at the International Conference Geometry, Integrability, Mechanics and Quantization, held at Sts Constantin and Elena (near Varna), Bulgaria (6-11 June 2014) within the annual Conference on Geometry, Integrability and Quantization. The Conference was dedicated to the 70th birthday of our esteemed colleague and friend Jan Ślawianowski. The event brought together more than 30 scientists, from all over the world countries to celebrate Jan's scientific achievements. All participants enjoyed a variety of excellent talks in a friendly and stimulating atmosphere. The main topics of the conference were those where Jan has contributed enormously during his career: rigid bodies, fluids, affine invariance, finite-dimensional dynamical systems, algebraic and geometric structures of the integrable systems, action-angle descriptions, Bertrand systems, completely degenerate problems, affine-rigid bodies, quasi-classical analysis just to mention a few of them.

The papers, included in this volume will be useful to researchers with interests in these areas.

The editors would like to express their gratitude to all participants and authors for their contribution to the success of the conference.

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