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Foreword

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Foreword

The 19th Winter School 'Geometry and Physics' took place at the usual place, the vilage Srní in the Czech Republic, in the period January 9 - January 15, 1999. The Winter School was organized by the Union of Czech Mathematicians and Physicists, together with the Charles University and the Masaryk University, with financial support by the International Erwin Schrödinger Institute for Mathematical Physics.

During the school, 7 invited lecture series were presented: *Quaternionic Geometry* by **Dmitri Alekseevski**, *From Astrology to Topology via Feynman Diagrams and Lie Algebras* by **Dror Bar-Natan**, *Impossible Einstein-Weyl geometries* and *A complex from linear elasticity* by **Michael Eastwood**, *Volume and area renormalizations for conformally compact Einstein metrics* by **Robin Graham**, *Mirror manifolds* by **Sergei Merkulov**, *Fixed point free actions on Z-acyclic 2-complexes* by **Robert Oliver** and *Singular reduction with a view towards bifurcation theory* by **Tudor Ratiu**. In the rest of the program, many further lectures, communications, and posters were presented in two sections.

The Proceedings of this school, published traditionally in *Supplemento ai Rendiconti del Circolo Matematico di Palermo*, contain 23 contributions by the participants.

The list of all participants is included below.

Jan Slovák
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