

## FOREWORD

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The 42nd Winter School ‘Geometry and Physics’ took place at the usual location, the village Srní in the Czech Republic, in the period January 15 – January 22, 2022. The Winter School was organized by the Union of Czech Mathematicians and Physicists, together with the Masaryk University and the Charles University.

During the School, six invited lecture series were presented: *From gluons to gravitons via homotopy algebras* by **Leron Borsten**, *Diffusion in almost Riemannian geometry* by **Ugo V. Boscain**, *Homological invariants of Legendrian submanifolds* by **Frederic Bourgeois**, *Curvature in sub-Riemannian geometry* by **Erlend Grong**, *DG-Algebraic Aspects of Contact Invariants* by **Georgios Dimitroglou Rizell**, and *Gerbes, stacks, and strings* by **Konrad Waldorf**. In the rest of the program, many further lectures, communications, and posters were presented in two sections.

The Proceedings of this School contain six contributions in this issue and one contribution in the previous issue 4.

Editor: Martin Čadek