Archivum Mathematicum

FOREWORD

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The 35th Winter School 'Geometry and Physics' took place at the usual place, the village Srní in the Czech Republic, in the period January 17 – January 24, 2015. The Winter School was organized by the Union of Czech Mathematicians and Physicists, together with the Charles University and the Masaryk University.

During the School, six invited lecture series were presented: *G-structures with prescribed geometry* by **Robert Bryant**, *Algebraic structures arising in string topology* by **Kai Cieliebak**, *Algebraic categorification and its application* by **Volodymyr Mazorchuk**, *Introduction to D-modules in representation theory* by **Pavle Pandžić**, *On homotopy algebras and quantum string field theory* by **Ivo Sachs** and *The Hecke algebra and its categorification* by **Wolfgang Soergel**. In the rest of the program, many further lectures, communications, and posters were presented in two sections.

The Proceedings of this School contain 8 contributions by the participants.

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