

11. – 13. October 2017 - GRK Workshop Oldenburg

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**Generalized Geometry in Models of Gravity**

**Abstract**

Starting with some introductory aspects of Lie and Courant algebroids and their generalized brackets, the presentation will focus on low-energy effective actions for some types of string theory models, and particular relevance will be given to the bosonic field content  $g, B, \phi$ . Another example which can be formulated as well in a generalized geometry context is Weitzenböck connection of teleparallel gravity, and it will follow directly after allowing for further extensions of the generalized bundle.