Institut Henri Poincaré

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String Theory in Greater Paris

Rencontres Théoriciennes

“Supergravité, théorie des cordes et théorie M”

Jeudi 5 Novembre 2020, 11:00

Andreas Braun

Durham University

Adiabatic Fibrations, String Dualities and Exceptional Holonomy

New instances of dualities between string compactifications can often be understood as a fibre-wise application of known dualities. After a review of classic results, I will give an overview of new instances of such dualities in the context of manifolds of exceptional holonomy - G2 and Spin(7) - as well as an introduction to the physics related to such geometries.

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