ID de Contribution: **21**

Type: **Non spécifié**

Triality and the consistent Pauli reductions on $\mathrm{AdS}_3 \times S^3$

I will show, using triality, that there are three different consistent $\mathrm{AdS}_3 \times S^3$ truncations of half-maximal six-dimensional supergravity, one for $calN = (2,0)$ and two for $calN = (1,1)$. One of latter has never been studied, and I will demonstrate that it results in a three-dimensional half-maximal theory with a number of interesting features, revealed by recent spectroscopy techniques based on Exceptional Field Theory. Among them, I will present a non-supersymmetric two-parameter family of AdS_3 vacua that enjoys pertubative stability of the full Kaluza-Klein tower. From the two $calN = (1,1)$ truncations, I will finally illustrate that there is no absolute notion of Kaluza-Klein level.

Type of contribution

Contributed Talk or Poster

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Classification de Session: Posters

Classification de thématique: Posters