

# THE STRING THEORY UNIVERSE - 22nd European string workshop and Final COST MP1210 Conference



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## INVITED TALK 5: Henning Samtleben

*Tuesday 21 February 2017 16:20 (55 minutes)*

Title: Exceptional field theories and what we can do with them

Exceptional field theories are the manifestly duality covariant formulations of supergravity that have proven powerful in addressing various problems in supergravity theories. I review the framework and the construction of these theories. Among their applications I discuss consistent truncations of (super)gravity, higher dimensional origins of dyonic gauged supergravities, and generalised type II supergravity.