

## **Hermann Nicolai, Maximal (N=8) Supergravity: past, present, future**

*Thursday 29 October 2015 11:00 (1 hour)*

I will review properties of maximally extended N=8 supergravity, with special emphasis on the finite and infinite dimensional exceptional duality symmetries underlying this theory. I will also discuss the implications of its possible UV finiteness as well as our recent work trying to link the spin-1/2 fermions of this theory to those of the Standard Model.