

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



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## Talk 6: Adolfo Guarino

*Tuesday, 21 February 2017 12:10 (20 minutes)*

Title: Double Field Theory at  $SL(2)$  angles

In this talk I will present an extended field theory that captures the full  $SL(2) \times O(6,6+n)$  duality group of  $N=4$  supergravity in four dimensions. Making use of the  $SL(2)$  structure, I will show how to generate gaugings at  $SL(2)$  angles via generalised Scherk-Schwarz ansätze. Such gaugings allow for moduli stabilisation including the  $SL(2)$  dilaton.