

Tuesday, May 23 @ 4:00 PM

Physics & Astronomy Building (PAB) 4-330

Superconformal Formulation of Supergravity

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Theories of Extended Supergravity have a superconformal formulation up to $N=4$. In the simplest $N=1$ case we give the local expression of the Supercurrent conservation. The latter is inherited from a curved superspace identity which is the supersymmetric version of the covariant conservation of the Einstein tensor of General Relativity.