



Laboratoire d'Annecy-le-Vieux de Physique Théorique

UMR 5108

CNRS - UNIVERSITÉ DE SAVOIE

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## Séminaire de Physique Théorique

Jeudi 2 Octobre 2008

à 11h00 à l'auditorium

**Olindo CORRADINI**

(Bologna)

### **Spinning particle models and higher-spin field theory**

**Résumé :** We give an overview of recent results and upcoming results on the connection between higher-spin field theory and spinning particle models based on a local supersymmetry on the worldline. We point out the special role that maximally-symmetric target spaces appear to have in such particle models and present a derivation of the higher-spin curvatures.