

## **AVVISO DI SEMINARIO**

**Martedì 10 giugno alle ore 15 in Aula C**

**Dr. Thomas Quella  
University of Amsterdam**

### **CONFORMAL SUPERCOSSET SIGMA MODELS**

I report on recent progress in understanding a new class of conformal field theories, so-called supercoset sigma models. I will review how these cosets can be used to describe the AdS-spaces in various dimensions which are relevant in the AdS/CFT correspondence. Then I will focus on a family of toy models, supersymmetric generalizations of spheres, and discuss the different kind of approaches which can be used to address the solution of the underlying conformal field theories.