



## *COLLOQUIO*

# Prof. Sergio Ferrara

(CERN, Geneva & INFN-LNF Frascati)

### **"SUPERSYMMETRY: Reflections on the Future of a Symmetry from the Future"**

#### Abstract

"The discovery of Supergravity was the beginning of including quantum variables in the dynamics of spacetime, it is quite striking that Einstein's equations admit the generalization that we know as supergravity."

Special Breakthrough Prize in Fundamental Physics 2019  
(with Daniel Z. Freedman and Peter van Nieuwenhuizen)  
"For the invention of Supergravity, in which quantum variables  
are part of the description of the geometry of space time"

Giovedì

12 Dicembre 2019

ore 16,00

Aula G2C

Ref.: prof. M. Bianchi