

Colloqui della Classe di Scienze

Anno Accademico 2017/2018

Sala Stemmi | Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, 7 - PISA

24 OTTOBRE 2018
ore 15.00

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Symmetry and Unification – can Physics be reduced to a single formula?

ABSTRACT:

Attempts to 'unify' all of known physics have a long history. Since the mid-seventies, these attempts have been considerably re-invigorated with ongoing efforts to reconcile Einstein's theory of General Relativity and Quantum Mechanics into a unified theory of quantum gravity. In this talk I will review the motivation as well as some more recent developments at an introductory level and discuss prospects for the future.



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