



UPO

UNIVERSITÀ DEL PIEMONTE ORIENTALE
DIPARTIMENTO DI SCIENZE E INNOVAZIONE TECNOLOGICA

EVENTI DiSIT

Seminario | Seminar

09-07-2024

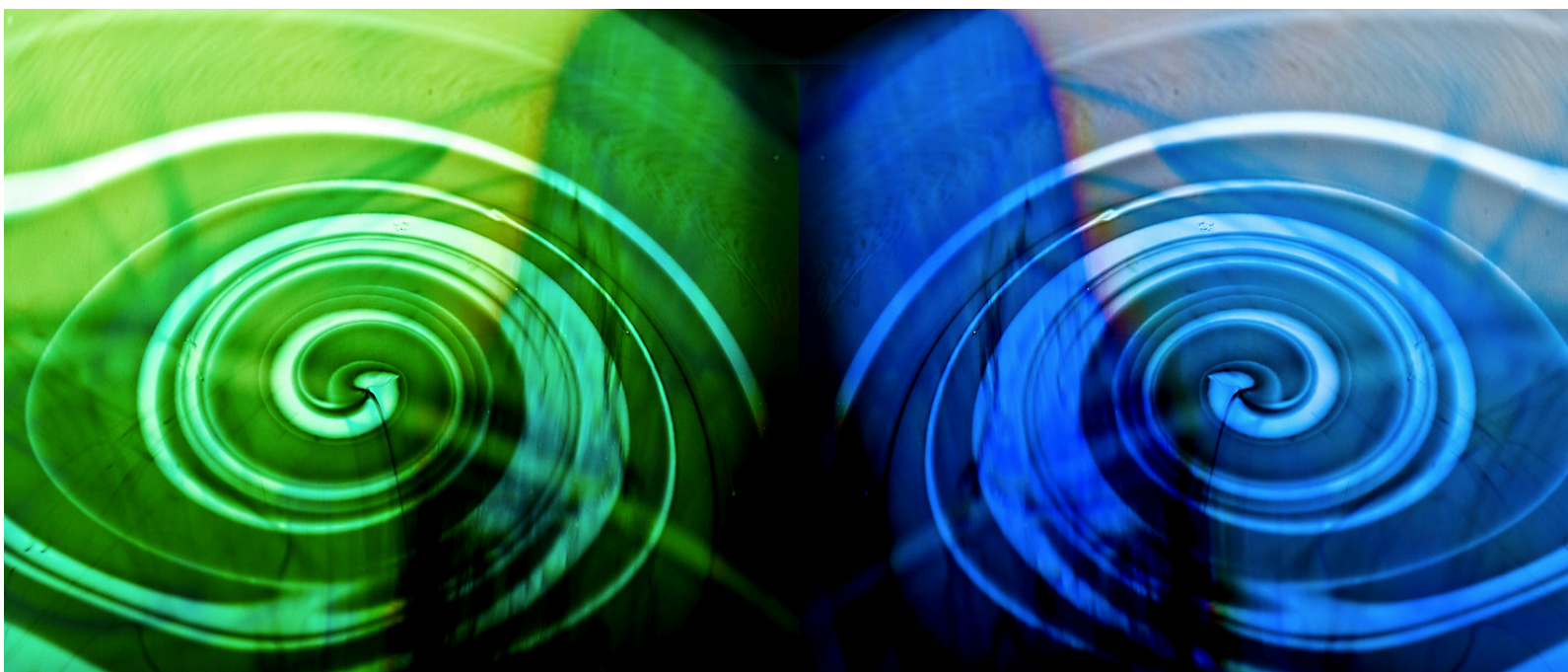
11:30-12:30

Aula 303

Torsion and Lorentz symmetry from twisted spectral triples

[Prof. Pierre Martinetti](#)

Università di Genova



Connes' theory of spectral triples provides an extension of «geometry» beyond the riemannian setting, to the noncommutative framework.

The generalization to the pseudo-riemannian case (i.e lorentzian signature) is far from obvious. In this talk we will see how to generate « some » lorentzian structure by twisting the spectral triple of a riemannian closed manifold of dimension 4, through an orthogonal and geodesic preserving torsion.

EVENTO APERTO A:

Docenti | Teachers, Borsisti | Research Fellows, Assegnisti | Postdoctoral researchers, Esterni UNIUPO | external UNIUPO people

SEMINARIO IN LINGUA: inglese

