

SEMINARIO

3 dicembre 2019 ore 14:30
Aula Seminari - DISMA

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**HAMILTONIAN OPERATORS, HYDRODYNAMIC PDEs
AND PROJECTIVE GEOMETRY**

Abstract:

The Hamiltonian formulation of hydrodynamic partial differential equations has well-known invariance properties with respect to differential-geometric transformations of coordinates. In this talk we will discuss recent results that show the presence of projective-geometric invariance in both Hamiltonian operators and hydrodynamic PDEs.