

## SEMINARIO DI GEOMETRIA

8 febbraio 2017, h.15.00-16.00

Politecnico di Torino,  
Dipartimento di Scienze Matematiche,  
AULA SEMINARI

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### Reflexive sheaves with the simplest possible cohomology

In this talk, we introduce the notion of  $m$ -tail reflexive sheaves, i.e. reflexive sheaves on projective spaces with the simplest possible intermediate cohomology. We study the  $m$ -tail reflexive sheaves with minimal rank and their relations with the 0-dimensional schemes on the projective space. Finally, we discuss the general case. This is a joint work with Laura Costa and Rosa Maria Miró-Roig.