

## SEMINARIO DI GEOMETRIA

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Politecnico di Torino,  
Dipartimento di Scienze Matematiche,  
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### Instanton bundles on Fano 3-folds

I will describe how the classification of instanton bundles on  $\mathbb{P}^3$  extends to other complex projective 3-folds whose anticanonical class is ample. I will focus on the case of a linear section of  $Gr(2, 5)$ . This variety is analogous to  $\mathbb{P}^3$  in many respects (rational curves, derived category, ...) and the geometry of the moduli spaces of instantons reflects these similarities.