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# SEMINARIO DE GEOMETRÍA ALGEBRAICA

Lunes 27 de junio de 2016, **12:00**, Seminario 238

**Roberto Muñoz**

Universidad Rey Juan Carlos

Impartirá la conferencia

Uniform Flag bundles

*Resumen.*

Uniform vector bundles (whose restrictions to lines are all isomorphic) over some rational homogeneous varieties (projective spaces, Grassmannians or quadrics, for example) have been classified in low rank. We present a more general framework – rational homogeneous bundles – where to extend these results. We will start from results corresponding to bundles over lines and propose natural definitions of decomposability and reducibility and criteria to check them.

This is work in progress with Occhetta and Solá.