

Universidad Complutense de Madrid
Facultad de Ciencias Matemáticas
Departamento de Álgebra

Teléfono: 91 394 45 70, Fax: 91 394 46 62
Correo electrónico: Algebra@mat.ucm.es

SEMINARIO DE GEOMETRÍA ALGEBRAICA

Jueves 2 de febrero de 2012, **14:00**, Seminario 238

Kiwamu Watanabe

Universidad de Tokyo

Impartirá la conferencia

\mathbb{P}^1 -bundles over projective manifolds and
Campana-Peternell conjecture of dimension 4.

Resumen.

We give a complete classification of \mathbb{P}^1 -bundles over a projective manifold of Picard number one which admit another smooth morphism of relative dimension one. Furthermore, we consider relations of the result with Campana-Peternell conjecture on Fano manifolds with nef tangent bundle of dimension 4.