COLOQUIO JUNIOR

Miércoles 22 de enero, 17:00h

Aula 520, UAM

Luis Pizarro Golvano

Universidad de Zaragoza

Complex geometry in dimension 8

The objective of this talk is to ask some questions about complex non-Kähler geometry and symplectic geometry by working with some examples of homogeneous spaces that are built from a nilpotent Lie group. This type of homogeneous spaces are known as nilmanifolds and they are the key in order to build examples and counter examples in problems of geometric structures in manifolds. In addition, nilmanifolds allow you to study geometry using linear algebra and Lie Groups theory.

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EXCELENCIA SEVERO OCHOA
abril 2024-marzo 2030

CSIC
Consejo Superior de Investigaciones Científicas

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Universidad Carlos III de Madrid

Ayuda CEX2019-000904-S financiada por:
MINISTERIO DE CIENCIA E INNOVACIÓN

AGENCIA ESTATAL DE INVESTIGACIÓN