



Instituto Universitario de Investigación
**de Matemáticas
y Aplicaciones**
Universidad Zaragoza



**Departamento de
Matemáticas**
Universidad Zaragoza

Seminario Geometría y Topología

Conferencia

por

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Universidad de Torino, Italia

Título:

“Geometric flows and special Hermitian metrics on
Lie groups”

Abstract:

The talk focuses on geometric flows of Hermitian metrics, in particular on the so-called Hermitian curvature flow introduced and firstly studied by Streets and Tian.

We will show some results regarding the long-time behaviour of the flow on complex unimodular Lie groups given a left-invariant initial datum. We will also discuss existence and uniqueness of soliton solutions to the flow, pointing out some algebraic obstructions on the existence of such metrics.

Fecha: Viernes, 24 de mayo de 2019

Hora: 11:00 horas

Lugar: Edificio de Matemáticas, Aula 14