# Seminario Geometría y Topología

# Conferencia

por

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Título

# "Non-Kähler Mirror Symmetry of the Iwasawa Manifold"

**Abstract:**
We propose a new approach to the Mirror Symmetry Conjecture in a form suitable to possibly non-Kähler compact complex manifolds whose canonical bundle is trivial. We apply our methods by proving that the Iwasawa manifold X, a well-known non-Kähler compact complex manifold of dimension 3, is its own mirror dual to the extent that its Gauduchon cone, replacing the classical Kähler cone that is empty in this case, corresponds to what we call the local universal family of essential deformations of X.

**Fecha:** Viernes, 2 de marzo de 2018
**Hora:** 13:00 horas
**Lugar:** Edificio de Matemáticas, Aula 14

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