



# UNIVERSIDAD DE GRANADA

Departamento de  
Geometría y Topología

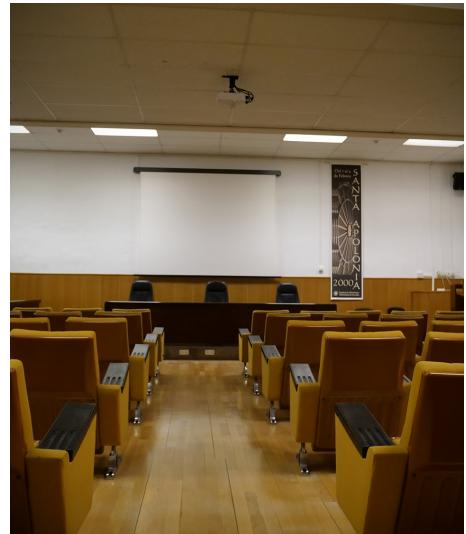
## The Kulkarni-Pinkall form and locally strictly convex immersions in 3-dimensional Hyperbolic Space

Desta el Vie, 30/04/2021 - 14:00

### Novedades

**Graham Smith** (Universidade Federal do Rio de Janeiro)

In this talk we study applications of the Kulkarni-Pinkall form to the study of locally strictly convex immersions in the 3-dimensional Hyperbolic Space. We deduce a new a priori estimate which in turn allows us to completely solve the asymptotic Plateau problem for k-surfaces in hyperbolic space as formulated by Labourie. This work has interesting intersections with a paper of Espinar-Gálvez-Mira. This work appears in <https://arxiv.org/abs/2104.03181>.



Sala EINSTEIN UGR (virtual)

Password: 174318