Jorge Lira

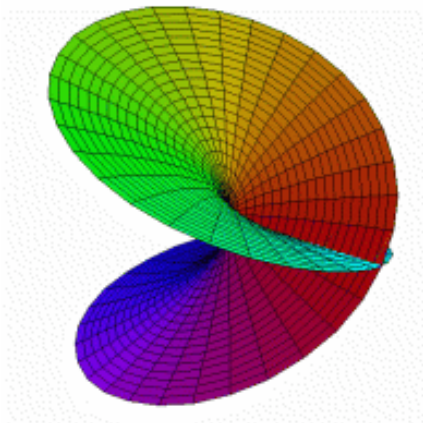## Universidade Federal do Ceara, Brazil and Stanford University

Friday, March 13 at 4:00 pm
PS-307
(refreshments, for attendees, will be served in PS-317 at 3:30 pm, prior to the colloquium.)

Maximum principle and minimal graphs in Riemannian manifolds

We survey some recent results about uniqueness and non-existence of entire minimal graphs in Riemannian manifolds endowed with a Killing vector field. These results are based on gradient estimates and rely on a variant of the maximum principle obtained in joint work with L. Alias and M. Rigoli.

Fields of Research:

- Mathematical Analysis
- Geometry
- Algebra