Actividades de investigación

- **Seminar "Magnetic Maps"**
  - **Responsable**: Rafael López Camino
  - **Fechas**: Del 12 al 16 de septiembre, 2016
  - **Lugar**: Aula A-25
  - **Speaker**: Marian I. Munteanu ("Al.I.Cuza" University of Iasi)
  - **Resumen**: We present some basic notions on magnetic curves on Riemannian manifolds and give several examples in dimension 3, emphasizing the case of Killing magnetic curves. We present some results on magnetic curves in almost contact metric geometry in arbitrary dimension. Later on we introduce the notion of magnetic map between Riemannian manifolds. Magnetic maps are generalizations of both magnetic curves and harmonic maps. We provide some fundamental examples of them. Further on we describe the problem in almost contact metric geometry. Then we produce examples of magnetic maps, having as either source or target manifold the tangent bundle of a Riemannian manifold equipped with several Riemannian metrics. In particular we study when the canonical projection, a vector field and the tangent map are, respectively, magnetic maps.
  - **Contenidos**:
    - Magnetic curves on Riemannian manifolds
    - Geodesics and harmonic maps
    - Magnetic maps: definition and first examples
    - Magnetic maps in almost contact metric geometry
    - Magnetic maps and tangent bundle of a Riemannian manifold
  - **Calendario**:
    - Monday 12/sep (9-10h)

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        - Tuesday 13/sep (9-11h)
        - Wednesday 14/sep (9-11h)
        - Thursday 15/sep (9-11h)
        - Friday 16/sep (12-13h)
- **Grupo de trabajo sobre superficies mínimas en H2xR**
    - **Responsable**: Magdalena Rodríguez Pérez
    - **Fechas**: Cada martes a las 11.00, abril-mayo de 2016
    - **Lugar**: Seminario 1ª planta, Sección de Matemáticas
    - **Descripción**: Leonor Ferrer, Magdalena Rodríguez y Francisco Martín impartirán charlas con cuentas detalladas sobre superficies mínimas en H2×R, abiertas a toda persona interesada.

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