Encuentro de Geometría Diferencial y Análisis Global
18 y 19 de marzo de 2010

ACADEMIA NACIONAL DE CIENCIAS
Córdoba - República Argentina

Programa

Jueves 18 de marzo

10:00 - 10:50 - Carlos Olmos (FaMAF, UNC) - "Submanifolds and holonomy"

10:50 - 11:20 - Café

11:20 - 12:10 - Osvaldo Santillán (UBA) - "Spin(7) holonomy metrics admitting G2 holonomy reductions and M-theory/IIA dualities"

Almuerzo

14:30 - 15:20 - Thomas Friedrich (Humboldt University - Berlin) - "Non-integrable geometries with parallel characteristic torsion"

15:30 - 16:20 - Marcos Salvai (FaMAF, UNC) - "The geometry of the manifold of oriented geodesics of a space form"

16:20 - 16:50 - Café

16:50 - 17:40 - Roberto Miatello (FaMAF, UNC) - "Spectral theory of the Atiyah-Patodi-Singer operator for compact flat manifolds"

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Viernes 19 de marzo

10:00 - 10:50 - Paulo Tirao (FaMAF, UNC) - "On the (co)homology of solvable Lie algebras"

10:50 - 11:20 - Café

11:20 - 12:10 - Linda Saal (FaMAF, UNC) - "Some spherical analysis attached to the Heisenberg group"

Almuerzo

14:30 - 15:20 - Ilka Agricola (Philipps University - Marburg) - "Dirac operators with torsion"

15:30 - 16:20 - Juan Pablo Rossetti (FaMAF, UNC) - "Spectral properties and cohomology of flat manifolds"

16:20 - 16:50 - Café

16:50 - 17:40 - Daniel Pons (Universidad Andrés Bello - Santiago de Chile) - "Curvature and holonomy effects in physics and biology"