List of Lectures and Posters Conference on Differential Geometry and Partial Differential Equations Brasilia, May 24–28, 2010

- May 24, 2010:
 - M. P. do Carmo (IMPA, Brazil)
Some recent developments of a Hopf theorem
 - A. Martinez (University Granada, Spain)
The geometry of flat surfaces in H^3
 - W. Santos (UFRJ, Brazil)
Stable hypersurfaces with constant scalar curvature
 - C. Robles (Texas A&M University, USA)
A system of PDE for calibrated submanifolds
 - C. Negreiros (Unicamp, Brazil)
Equi-geodesics, rank three systems and Einstein metrics on flags
 - M. L. Leite (UFPE, Brazil)
Twisted normal maps of surfaces in $S^2 \times R$ and $H^2 \times R$
 - M. Dacjzer (IMPA, Brazil)
A complete solution of Samuel's problem
- May 25, 2010:
 - R. Bryant (MSRI Berkeley, USA)
On the geometry of projective surfaces

- H. Rosenberg (IMPA, Brazil)
Desingularization of stacks of spheres
- D. Zhou (UFF, Brazil)
Sharp volume estimate of complete gradient shrinking solitons
- T. Ivey (College of Charleston, USA)
Hopf hypersurfaces and the method of Darboux
- J. Lira (UFC, Brazil)
Hypersurfaces of prescribed curvature in Riemannian manifolds
- G. P. Bessa (UFC, Brazil)
Mean time exit and isoperimetric inequalities for minimal submanifolds of $N \times R$
- P. Piccione (USP, Brazil)
On the geometry of compact Lorentzian manifolds with large isometry group
- May 26, 2010:
 - R. Beals (Yale University, USA)
Subelliptic equations and subriemannian geometry
 - N. Kamran (McGill University, Canada)
Green's function for the Klein-Gordon equation on a class of supersymmetric AdS backgrounds
 - E. Reyes (Universidad de Santiago de Chile)
Nonlocal equations: modified Camassa-Holm and equations from string theory
- May 27, 2010:
 - P. Olver (University of Minnesota, USA)
Moving frames, variational problems, and geometric flows
 - J. Dorfmeister (TU München, Germany)
The loop group method and an application to the construction of CMC k-noids

- R. Tribuzy (UFAM, Brazil)
A characterization of submanifolds of extrinsic symmetric spaces
- C. Tomei (PUC-Rio, Brazil)
The geometry and numerics of operators of Ambrosetti-Prodi type
- L. L. Lima (UFC, Brazil)
The Yamabe problem for Gauss-Bonnet curvatures:
a local result around space forms
- F. Mercuri (Unicamp-UFC, Brazil)
A Weierstrass representation formula for minimal surfaces in
Lorentzian 3-manifolds
- R. Tojeiro (UFSCAR, Brazil)
Hypersurfaces with constant sectional curvature of $S^n \times R$ and
 $H^n \times R$
- May 28, 2010:
 - F. Xavier (University of Notre Dame, USA)
Good shadows, dynamics and convex hulls of complete submanifolds
 - U. Simon (TU Berlin, Germany)
Geometric modelling of the solution of some Monge-Ampère
equations
 - Y. Aminov (B. Verkin Institute Low Temperature Physics
and Engineering of NAS, Ukraine)
Extrinsic geometric properties of the Rosendorm surface, an
isometric immersion of the Lobachevsky plane in E^5
 - A. Rigas (Unicamp, Brazil)
Suspensions of Cartan inclusions and diffeomorphisms of spheres
 - L. P. Jorge (UFC, Brasil)
Minimal immersions and projection singularities

- R. M. Chaves (USP, Brazil)
Ruled Weingarten hypersurfaces in the Lorentz-Minkowski space and in De Sitter space
- C. Xia (UnB, Brazil)
Universal inequalities for eigenvalues of elliptic operators

List of Posters

- L. M. D. A. Rodrigues (UnB, Brazil)
A characterization of Möbius isoparametric hypersurfaces of the sphere
- F. R. Souza (IFECT-GO, Brazil)
Conformal and quasi-Einstein metrics on pseudo-Euclidean space
- L. Grama (UNICAMP, Brazil)
Equigeodesics and equiharmonic maps on full flag manifolds
- R. M. Silva (UFG, Brazil)
Minimal surfaces in a cylindrical region of R^3 with a Randers metric
- A. Brasil (UFC, Brazil)
On hypersurfaces of spheres with two principal curvatures
- R. S. Pina (UFG, Brazil)
On solutions of the Ricci curvature equations and the Einstein equation
- T. M. M. Carvalho (FACIP-UFU, Brazil)
Surfaces of rotation with constant mean curvature in the direction of a unitary normal vector field