Submittee: Jingyi Chen
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Title: Pacific Northwest Geometry Seminar
Event Type: Conference-Workshop

Location:
PIMS/UBC

Dates:
May 2 - May 3, 2009

Topic:
Six one-hours talks addressed some of the recent development in Geometric Analysis and Differential Geometry.

Methodology:
Hour long talk followed by open questions and discussion

Scientific Highlights:
nonlinear partial differential equations, including elliptic and parabolic types. People have exchanged ideas on some of the well-known geometric fully nonlinear partial differential equations, including elliptic and parabolic types. Inverse Function Theorem type arguments have been discussed in construction of constant mean curvature surfaces and foliations by Willmore surfaces. Recent progress on regularity of stable codimension one varifolds has been discussed. A relatively new curvature quantity is studied in connection with comparison geometry and Einstein metrics.

Organizers:
Chen, Jingyi, Math, UBC Albert Chau, MAth, UBC A. Fraser, Math, UBC

Speakers:
A. Butscher (Stanford), Collapsing Sequences of Constant Mean Curvature Surfaces in Riemannian Manifolds T. Lamm (UBC/PIMS) Foliation of asymptotically flat manifolds by surfaces of Willmore type P. Guan (McGill) Complex Monge-Ampre equations related to Sasakian Geometry A. Chau (UBC) Lagrangian mean curvature flow for entir Lipschitz graphs N. Wickramasekera (Cambridge) A general regularity theory for stable codimension 1 integral varifolds G. Wei (UCSB) Smooth metric measure spaces

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Links:
