

## Report on PIMS Workshop on Geometric Analysis

The event was held at PIMS/UBC on April 26, 2011.

Tobias Lamm (University of Frankfurt), Reto Mueller (Pisa), Yuxiang Li (Tshinghua University/UBC) each gave a one hour talk. They spoke on recent progress that they and their co-authors have made on Willmore surfaces and Ricci flow. Lamm talked about Willmore type surfaces in Riemannian manifolds with small area; Li discussed compactness of conformal immersions of surfaces of fixed genus and bounded Willmore functionals and its application. Mueller talked about Ricci flow coupled with harmonic map flow.

Several faculty members and graduate students from UBC participated the workshop. Discussion/interaction during and after the workshop among the participants was intensive. Possible joint projects have been discussed and initiated.

-- Jingyi Chen