Mini International Workshop on Maximum Principles and Curvature Estimates

◉ **From 10:00 to 17:20**
31(Mon.) March - 2(Wed.) April, 2014

◉ **Faculty Seminar Room 313-3**
College of Natural Sciences
Kyungpook Nat'l University
Taegu 702-701, Korea

◈ **Organized by**

Young Jin Suh , Imsoon Jeong and Hyunjin Lee
Research Group in Real & Complex Grassmann Manifolds

Sponsored by
National Research Foundation, BK21PLUS & Kyungpook National University

31 March (Monday), 2014

10:00-12:40	Chair Professor Young Jin Suh

10:00-11:30   **Yuan Long Xin** (Fudan Univ., China)

Maximum principle and its applications I

11:40-12:40   **Kim Byung Hak** (Kyunghee University, Korea)

Geometric structures on an odd-dimensional manifolds and related topics

12:40-14:00   **Lunch Time**

14:00-17:40	Chair Professor Byung Hak Kim

14:00-15:30   **Yuan Long Xin** (Fudan Univ., China)

Maximum principle and its applications II

15:30-16:30   **Jürgen Berndt** (King's College London, UK),
Mijeong Kim, Hyunjin Lee* and Young Jin Suh (Kyungpook National Univ., Korea)
Characterizations of real hypersurfaces in complex hoperbolic two-plane Grassmannians

16:40-17:40   **Enmi Pak* and Young Jin Suh** (Kyungpook National Univ., Korea)
Results on Jacobi operator for Hopf hypersurssfaces in complex two-plane Grassmannians

1 April (Tuesday), 2014

10:00-12:40	Chair Professor Young Jin Suh

10:00-11:00   **Juan de Dios Pérez** (University of Granada, Spain),
Imsoon Jeong* Chang Hwa Woo and Young Jin Suh (Kyungpook National Univ., Korea)
Real hypersurfaces in complex two-plane Grassmannians related to the structure Jacobi operator

11:10-12:40   **Yuan Long Xin** (Fudan Univ., China)

Maximum principle and its applications III

12:40-14:30   **Lunch Time**

14:00-17:20	Chair Dr. Imsoon Jeong

14:00-15:30   **Yuan Long Xin** (Fudan Univ., China)

Curvature estimates in minimal surface theory I

16:00-17:20   **Jongil Park** (Seoul National University, Korea)

How to construct 4-manifolds

2 April (Wednesday), 2014

10:00-12:40	Chair Dr. HyunJin Lee

10:00-11:00   **Young Jin Suh** (Kyungpook National Univ., Korea)

Maximum Principles and Its Applications to Real & Complex Submanifolds

11:10-12:40   **Yuan Long Xin** (Fudan Univ., China)

Curvature estimates in minimal surface theory II

12:40-14:00   **Lunch Time**

14:00-15:00	Chair Professor Young Jin Suh

14:00-15:00   **Chang Hwa Woo* and Young Jin Suh** (Kyungpook National Univ., Korea)

Classification of Hopf hypersurfaces with certain geometric conditions about Ricci tensors in complex two plane Grassmannians