

Mini International Workshop on Lagrangian submanifolds and related fields (Intensive lectures for graduate students)

● From 10:30 to 17:00
November 5(Wed.)-7(Fri.), 2014

● Faculty Seminar Room #219
College of Natural Sciences, Kyungpook Nat'l University
Daegu 702-701, Republic of Korea



◆ Organized by
Young Jin Suh, Hyunjin Lee and Changhwa Woo
Hermitian-Grassmann Research Group

◆ Sponsored by
National Research Foundation and BK21 PLUS

5 November (Wednesday), 2014

10:30-17:00

Chair Professor Young Jin Suh

10:30-12:00 **Yoshihiro Ohnita** (Osaka City University, Japan)
Fundamental materials of Riemannian submanifolds

12:00-13:00 **Lunch Time**

13:00-14:00 **Discussion Time**

14:00-15:30 **Yoshihiro Ohnita** (Osaka City University, Japan)
Lagrangian submanifolds in symplectic geometry

16:00-17:00 **Yoshihiro Ohnita** (Osaka City University, Japan)
(Math. Colloquium)
Geometry of Lagrangian submanifolds related to isoparametric hypersurfaces

6 November (Thursday), 2014

10:30-11:00

Chair Doctor Hyunjin Lee

10:30-11:00 **Doo Hyun Hwang, Changhwa Woo*** and
Young Jin Suh (Kyungpook National University, Korea)
Classification of real hypersurfaces in complex two-plane Grassmanians in terms of diagonalization

11:00-16:30

Chair Professor Young Jin Suh

11:00-12:30 **Yoshihiro Ohnita** (Osaka City University, Japan)
Lagrangian submanifolds of Kaehler manifolds

12:30-14:00 **Lunch Time**

14:00-15:00 **Discussion Time**

15:00-16:30 **Yoshihiro Ohnita** (Osaka City University, Japan)
Homogeneous Lagrangian submanifolds of Kaehler manifolds

7 November (Friday), 2014

10:00-11:00

Chair Doctor Imsoon Jeong

- 10:00-10:30 **Seonhui Kim***, **Imsoon Jeong** and **Young Jin Suh** (Kyungpook National University, Korea)
Real hypersurfaces in complex two-plane Grassmannians with Reeb parallel structure Jacobi operator
- 10:30-11:00 **Hyunjin Lee*** (POSTECH, Korea) and
Young Jin Suh (Kyungpook National University, Korea)
A real hypersurface in complex two plane Grassmannians with generalized parallel structure Jacobi operator

11:00-17:00

Chair Professor Young Jin Suh

- 11:00-12:30 **Yoshihiro Ohnita** (Osaka City University, Japan)
Lagrangian submanifolds in complex projective spaces and Hermitian symmetric spaces
- 12:30-14:00 **Lunch Time & Discussion Time**
- 14:00-14:30 **Gyujong Kim***, **Eunmi-Pak** and **Young Jin Suh** (Kyungpook National University, Korea)
Results on GTW Reeb Lie derivative structure Jacobi operator in complex two-plane Grassmannians
- 15:00-16:30 **Yoshihiro Ohnita** (Osaka City University, Japan)
Lagrangian submanifolds in complex hyperquadrics and hypersurface geometry of spheres
- 16:30-17:00 **Doo Hyun Hwang*** and **Changhwa Woo** (Kyungpook National University, Korea)
Semi-parallelism for Hopf hypersurfaces in complex two-plane Grassmannians