

May 16, 2011

# Differential Geometry of Submanifolds

## RIMS Workshop

June 27–29, 2011  
Research Institute for Mathematical Sciences  
Kyoto University  
Kyoto 606-8502 JAPAN

### PROGRAM

#### June 27 (Mon)

**13:30–14:30**

**Yoshihiro Ohnita** (Osaka City University)

*Geometry of Lagrangian submanifolds and isoparametric hypersurfaces*

**14:45–15:45**

**Takashi Kurose** (Kwansei Gakuin University)

*Bi-Hamiltonian systems on the spaces of curves*

**16:00–17:00**

**Masaaki Umehara** (Tokyo Institute of Technology)

*Closed planar curves without inflections*

#### June 28 (Tue)

**09:30–10:30**

**Yuji Sano** (Kumamoto University)

*Obstructive divisors to the existence of Kahler-Einstein metrics*

**10:45–11:45**

**Toru Kajigaya** (Tohoku University)

*Legendrian minimal submanifolds in Sasakian manifolds and its stability*

**13:30–14:30**

**Norio Ejiri** (Meijo University)

*A special pseudo Kaehler structure on a deformation space of a minimal surface in a flat torus and its application*

**14:45–15:45**

**Kouhei Miura** (Ochanomizu University)

*On Lorentz surfaces with vanishing mean curvature vector field in a pseudo-Riemannian space form*

**16:00–17:00**

**David Brander** (Technical University of Denmark)

*CMC surfaces in Minkowski space via integrable systems techniques*

## **June 29 (Wed)**

**09:00–10:00**

**Hiroshi Iriyeh** (Tokyo Denki University)

*Lagrangian Floer homology of a pair of real forms in Hermitian symmetric spaces of compact type*

**10:15–10:45**

**Satoshi Ueki** (Tohoku University)

*Research on Lagrange intersections and leaf-wise intersections*

**11:00–12:00**

**Takashi Okayasu** (Ibaraki University)

*Two results on construction of complete minimal submanifolds in the Euclidean space*