

The 6th OCAMI-KNUGRG Joint Differential Geometry Workshop on
Submanifold Theory in Symmetric Spaces and Lie Theory in Finite and Infinite Dimensions
February 1 (Fri.)-February 3 (Sun.), 2013

PROGRAM

February 1 (Friday)

- 10:00-10:30 Imsoon Jeong, Carlos J.G. Machado, Juan de Dios Perez and Young Jin Suh (Kyungpook National University, Korea)
“ \mathcal{D} -parallelism of normal and structure Jacobi operators for hypersurfaces in complex two-plane Grassmannians”
- 10:40-11:10 Young Suk Choi, Hyunjin Lee and Changhwa Woo (Kyungpook National University, Korea)
“Classification of real hypersurfaces with Reeb parallel shape operator in complex two-plane Grassmannians ”
- 11:20-11:50 Misa Ohashi (Meijo University & OCAMI, Japan)
“On G_2 moduli of curves in purely imaginary octonions ”
- 13:30-14:00 Mijung Kim, Hyunjin Lee and Young Jin Suh (Kyoungpook National University, Korea)
“A Real hypersurface in complex two-plane Grassmannians with g-Tanaka-Webster recurrent shape operator ”
- 14:10-14:40 Imsoon Jeong, Eunmi Pak and Young Jin Suh (Kyoungpook National University, Korea)
“Parallelism of various generalized Tanaka-Webster invariant shape operators for real hypersurfaces in complex two-plane Grassmannians”
- 15:00-15:30 Akira Kubo (Hiroshima University, Japan)
“Homogeneous Ricci soliton hypersurfaces in the complex hyperbolic spaces ”
- 15:40-16:10 Takahiro Hashinaga (Hiroshima University, Japan)
“Low-dimensional solvsolitons and the minimality of the corresponding submanifolds”

February 2 (Saturday)

- 9:45-10:45 Claudio Gorodski (University of Sao Paulo, Brasil)
“Isoparametric submanifolds in Hilbert space”
- 11:00-12:00 Naoyuki Koike (Tokyo University of Science, Japan)
“Certain kind of isoparametric submanifolds in symmetric spaces of non-compact type and Hermann actions”
- 14:00-15:00 Laura Geatti (University of Rome II Tor Vergata, Italy)
“Invariant envelopes of holomorphy in the complexification of a Hermitian symmetric space”
- 15:30-16:20 Byung Hak Kim (Kyung Hee University, Korea)
“On conformal transformations and conformally flat spaces”
- 16:30-17:20 Professor Tohru Morimoto (Emeritus Professor of Nara Women University, Japan)
“A Klein-Cartan programme for differential equations and extrinsic geometries in flag manifolds”

February 3 (Sunday)

- 9:45-10:35 Makiko Sumi Tanaka (Tokyo University of Science, Japan)
“Isometries of Hermitian symmetric spaces”
- 10:45-11:35 Osamu Ikawa (Kyoto Institute of Technology, Japan)
“The geometry of orbits of Hermann actions”
- 13:15-14:05 Hiroyuki Tasaki (University of Tsukuba, Japan)
“Antipodal sets in compact Riemannian symmetric spaces ”
- 14:15-15:05 Takashi Sakai (Tokyo Metropolitan University & OCAMI, Japan)
“Special Lagrangian submanifolds in the complex sphere and the complex cone”
- 15:15-16:05 Hiroshi Tamaru (Hiroshima University, Japan)
“On the moduli space of left-invariant metrics on a Lie group”