The 14th International Workshop on Differential Geometry
and The 3rd KNUGRG-OCAMI Differential Geometry Workshop

- From 9:00 AM to 6:00 PM
  4(Thu)~6(Sat) November, 2010
- Faculty Seminar Room
  College of Natural Sciences
  Kyungpook National University
  Taegu 702-701, Korea
- http://open.nims.re.kr
- Organizing committee:
  - Prof. Young Jin Suh (Kyungpook Nat'l Univ.)
  - Prof. Yoshihiro Ohnita (Osaka City Univ. & OCAMI)
- Invited Speakers
  - Prof. Jürgen Berndt (King's College of London)
  - Prof. Yoshihiro Ohnita (Osaka City Univ. & OCAMI)
  - Prof. Jiazu Zhou (Southwest Univ.)
  - Prof. Naoyuki Koike (Tokyo University of Science)
  - Prof. Yong Seung Cho (Ewha Womans Univ.)
  - Prof. Seoung Dal Jung (Jeju Nat'l Univ.)
  - Prof. Byung Hak Kim (Kyunghee Univ.)
  - Dr. Nobutaka Boumuki (Osaka City U. Adv. Math. Inst.)
- Supported by
  National Institute for Mathematical Sciences
  NRF (Grassmann Research Group) & BK21 KNU
- Organized by
  National Institute for Mathematical Sciences
  & Grassmann Research Group
4 November(Thursday), 2010

09:30–12:30 Chair Professor Young Jin Suh

09:30-10:00 Registration
10:00-10:15 Opening Ceremony

10:15-11:15 Yoshihiro Ohnita (Osaka City Univ. & OCAMI, Japan)
Geometry of Lagrangian submanifolds and isoparametric hypersurfaces I

11:30-12:30 Jürgen Berndt (King's College of London, United Kingdom)
Hypersurfaces in Symmetric spaces I

12:30-14:00 Lunch Time

14:00–16:10 Chair Professor Jürgen Berndt

14:00-15:00 Naoyuki Koike (Tokyo Univ. of Science, Japan)
Homogeneity of an equifocal submanifold and a proper complex equifocal submanifold I

15:10-16:10 Yong Seung Cho (Ewha Womans Univ., Korea)
Jacobi fields in geodesic surface congruences

16:20–17:20 Chair Professor Yoshihiro Ohnita

16:20-17:20 Jiazu Zhou (Southwest Univ., China)
On integral geometric inequalities
5 November (Friday), 2010

09:00–10:00 Chair Professor Jiazu Zhou

09:00–10:00 Yoshihiro Ohnita (Osaka City Univ. & OCAMI, Japan)
Geometry of Lagrangian submanifolds and isoparametric hypersurfaces II

10:10–12:30 Chair Professor Naoyuki Koike

10:10–11:10 Jürgen Berndt (King’s College of London, United Kingdom)
Hypersurfaces in Symmetric spaces II

11:20–12:20 Byung Hak Kim (Kyung Hee Univ., Korea)
On the 5-dimensional Sasaki-Einstein manifolds

12:20–12:30 Group Photo (at The Front Door of Natural Science Building)
12:30–13:30 Lunch Time

13:30–15:40 Chair Professor Seoung Dal Jung

13:30–14:30 Jiazu Zhou (Southwest Univ., China)
Symmetric mixed homothetic deficit

14:40–15:40 Naoyuki Koike (Tokyo Univ. of Science, Japan)
Homogeneity of an equifocal submanifold and a proper complex equifocal submanifold II

15:50–17:30 Chair Professor Byung Hak Kim

15:50–16:50 Seoung Dal Jung (Jeju National Univ., Korea)
Transversal infinitesimal automorphisms and applications on foliated manifolds

17:00–17:30 Young Jin Suh (Kyungpook National Univ., Korea)
Historical backgrounds of the 14th and GRG
(http://webbuild.knu.ac.kr/~yjsuh/)
6 November(Saturday), 2010

09:00–09:30  Imsoon Jeong, Young Jin Suh (Kyungpook National Univ., Korea), Carlos J.G. Machado and Juan de Dios Pérez (Univ. de Granada, Spain)
Real hypersurfaces in complex two-plane Grassmannians with $D^1$-parallel structure Jacobi operator

09:40–10:10  Hyunjin Lee, Imsoon Jeong, and Young Jin Suh (Kyungpook National Univ., Korea)
Real hypersurfaces in complex two-plane Grassmannians with parallel shape operator in generalized Tanaka-Webster connection

10:20–11:20  Nobutaka Boumuki (Osaka City University Advanced Mathematical Institute, Japan)
On relation between potentials for pluriharmonic maps and para-pluriharmonic maps

After Discussion

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