

Programme of the Symposium

Differential Geometry

The First International Symposium on Differential Geometry

JOSAI UNIVERSITY, SAKADO, SAITAMA, JAPAN

February 22, Thursday

- 13:05 – 13:10 Opening
- 13:10 – 13:55 **Yoshihisa Kitagawa (Utsunomiya University)**
Construction of flat tori in the 3-sphere and its applications
- 14:05 – 14:50 **Young Jin Suh (Kyungpook National University)**
Some Liouville type inequalities and its applications to
geometric problems
- 15:10 – 15:30 **Midori Goto (Fukuoka Institute of Technology)**
On diffeomorphisms of a hyperbolic manifold
- 15:40 – 16:25 **Qing Ding (Fudan University)**
Schrödinger flow and its applications in integrable systems
- 16:35 – 17:20 **Masatoshi Kokubu (Tokyo Denki University)**
On surfaces with holomorphic Gauss map in a certain
symmetric space

February 23, Friday

- 9:00 – 9:45 **Kouei Sekigawa (Niigata University)**
On the Goldberg conjecture
- 9:55 – 10:40 **Jinichi Itoh (Kumamoto University)**
Acute triangulations of sphere and icosahedron
- 11:00 – 11:45 **Shigeo Kawai (Saga University)**
Some geometric properties of p -harmonic maps
- 11:55 – 12:15 **Katsuhiro Nonaka (Josai University)**
Maximum principles and its applications to submanifolds

- 13:40 – 14:25 **Katsuhiro Shiohama (Saga University)**
Comparison theorems for Riemannian manifolds
with radial curvature bounded below
- 14:35– 15:20 **YuXin Dong (Fudan University)**
On Anand conjecture
- 15:40 – 16:25 **Kazuo Akutagawa (Shizuoka University)**
Notes on the relative Yamabe invariant
- 16:35 – 17:20 **Qing-Ming Cheng (Josai University)**
Complete submanifolds in spheres

February 24, Saturday

- 9:00 – 9:45 **Reiko Miyaoka (Sophia University)**
Submanifolds with degenerate Gauss mapping
- 9:55 – 10:40 **Franki Dillen (Katholieke University Leuven)**
Total curvature for open submanifolds of Euclidean spaces
- 11:00 – 11:45 **Katsuhiro Moriya (University of Tsukuba)**
Existence of a family of complete minimal surfaces
of genus one with one end and finite total curvature
- 11:45 – 11:55 Closing