

# Workshop in honor of Professor Hiroo Naitoh's retirement

This workshop is dedicated to Professor Hiroo Naitoh on the occasion of his retirement.

Date : 5–7 March 2016

Place : Yamaguchi University, Faculty of Science, Room 14

Organizers : Kei Kondo, Akira Kubo, Hiroshi Tamaru

URL : <http://home.hiroshima-u.ac.jp/akira-kubo/sympo/16yamaguchi.html>

## Programme

### Saturday, 5 March

15:00–15:05 Opening Address

15:05–15:55 Nobumitsu Nakauchi (Yamaguchi University)

A new approach to conformal maps between Riemannian manifolds from a viewpoint of a variational problem

16:10–17:00 Hiroshi Tamaru (Hiroshima University)

On totally geodesic surfaces in symmetric spaces and applications

17:15–18:05 Hideya Hashimoto (Meijo University)

On geometrical structures on  $G_2/SO(4)$

### Sunday, 6 March

10:00–10:50 Kazuo Akutagawa (Tokyo Institute of Technology)

Edge-cone Einstein metrics and the Yamabe invariant

11:05–11:55 Sadahiro Maeda (Saga University)

Ruled real hypersurfaces having the same sectional curvature as that of an ambient nonflat complex space form

14:00–14:50 Jun-ichi Inoguchi (University of Tsukuba)

Grassmann geometry of 3-dimensional homogeneous spaces

15:05–15:55 Kazumi Tsukada (Ochanomizu University)

Transversally complex submanifolds of a quaternion projective space

16:10–17:00 Hiroo Naitoh (Yamaguchi University)

Grassmann geometry and symmetric space

### Monday, 7 March

10:00–10:50 Yu Kawakami (Kanazawa University)

On the Gauss image of complete minimal surfaces in Euclidean 4-space

11:05–11:55 Hideyuki Ishi (Nagoya University)

On Hessian metrics with group invariance

13:30–14:20 Jürgen Berndt (King's College London / Hiroshima University)

The index of symmetric spaces

14:35–15:25 Katsuya Mashimo (Hosei University)

Invariant forms on  $SU(4)$