"WORKSHOP ON GEOMETRY AND GEOMETRIC ANALYSIS"

Cosponsored by
The Research Center for Pure and Applied Mathematics (RCPAM)

Dates: 2013, March 13 (Wed.) − 15 (Fri.)
Venue: Graduate School of Information Science, Tohoku University, Sendai, Japan

The Large Lecture Room, the 2nd floor (March 13, 15),
The Medium Lecture Room, the 2nd floor (March 14)

Lecturers:
• Jimmy Petean (CIMAT, Mexico)
• Harish Seshadri (Indian Institute of Science, Bangalore, India)
• Jeff Viaclovsky (University of Wisconsin, Madison, USA)
• Yu Kawakami (Yamaguchi University, Japan)
• Shouhei Honda (Kyusyu University, Japan)
• Shinichiroh Matsuo (Osaka University, Japan)

Note Rafe Mazzeo's visiting has been canceled.

Organizers:
Kazuo Akutagawa Tohoku University, GSIS
Junya Takahashi Tohoku University, GSIS

Program

March 13 (Wed.) : The Large Lecture Room, the 2nd floor

10:00–11:00 & 11:30–12:30
 Jeff Viaclovsky (University of Wisconsin, Madison, USA)
 "Critical metrics on connected sums of Einstein 4-manifold"

14:00–15:00 & 15:30–16:30
 Shinichiroh Matsuo (Osaka University, Japan)
 "An Application of Mean Dimension and Deformation Theory to INFINITE
Dimensional Moduli Spaces"

March 14 (Thu.) : <u>The Medium Lecture Room, the 2nd floor</u>

10:00–11:00 & 11:30–12:30
  Harish Seshadri (Indian Institute of Science, Bangalore, India)
  "Ricci flow invariant cones"

14:00–15:00 & 15:30–16:30
  Shouhei Honda (Kyusyu University, Japan)
  "Recent development of collapsing theory and applications"

March 15 (Fri.) : <u>The Large Lecture Room, the 2nd floor</u>

10:00–11:00 & 11:30–12:30
  Jimmy Petean CIMAT, Mexico
  "Solutions of the Yamabe equation and estimates of Yamabe constants"

14:00–15:00 & 15:30–16:30
  Yu Kawakami (Yamaguchi University, Japan)
  "Overview of the proof of Willmore conjecture by Marques and Neves"