Tokyo-Seoul Conference in Mathematics
– Complex Geometry –

Date : December 2nd (Friday) – 3rd (Saturday), 2011

Venue : Room 002, Graduate School of Mathematical Sciences, The University of Tokyo

2nd

9:50 – 10:00   Opening

10:00 – 11:00   Kengo HIRACHI (Univ. of Tokyo)

   "CR invariant differential operators and BGG complex"

11:15 – 12:15   Sung-Yeon KIM (Kangwon National Univ.)

   "Rigidity of CR maps between symmetric CR manifolds of type one"

13:45 – 14:45   Hideki MIYACHI (Osaka Univ.)

   "Integration of invariant measures over the moduli space of Riemann surfaces"

15:15 – 16:15   Jaehyun HONG (Seoul National Univ.)

   "Rigid Schubert varieties of rational homogeneous manifolds of Picard number one"

16:30 – 17:30   Wing Keung TO (National Univ. of Singapore)

   "Moduli space of canonically polarized manifolds and Kobayashi hyperbolicity"

18:00 –   Reception, Common room 222

3rd

10:00 – 11:00   Lin WENG (Kyushu Univ.)

   "A local family index theorem in log geometry"

11:15 – 12:15   Dano KIM (Seoul National Univ.)

   "Extension and division of section rings"

13:45 – 14:45   Shinobu HOSONO (Univ. of Tokyo)

   "On the mirror family of Reye congruence Calabi-Yau threefolds"

15:15 – 16:15   Jihun PARK (Postech)

   "Log canonical threshold, stability and Kähler-Einstein metric on Fano manifolds"

16:30 – 17:30   Junjiro NOGUCHI (Univ. of Tokyo)

   "Value distribution and distribution of rational points"

Organizers: Jun-Muk HWANG (KIAS), Shigeharu TAKAYAMA (Univ. of Tokyo)