

7th Pacific Rim Complex Geometry Conference

SCIENCE SEMINAR HOUSE, KYOTO UNIVERSITY

August 6 - 10, 2012

Program:

Aug. 6 (Mon.)

9:00 - 10:00 Claude LeBrun (Stony Brook Univ.)
“Hermitian metrics, Einstein manifolds and conformal geometry”

10:30 - 11:30 Tamás Kálmán (Tokyo Inst. Technology)
“Relating Jones-type and Ozsvath-Szabo-type knot invariants”

Lunch (11:30-14:00)

14:00 - 15:00 Li Ma (Henan Normal Univ.)
“2-d Ricci flow in open surfaces”

15:30 - 16:30 Jae-Hyouk Lee (Ewha Womans Univ.)
“Polytopes, quasi-minuscule representations and rational surfaces”

17:00 - 18:00 Jeff Viaclovsky (Univ. of Wisconsin)
“Index theorems on anti-self-dual orbifolds”

Aug. 7 (Tue.)

9:00 - 10:00 Junho Lee (Univ. of Central Florida)
“A recursion formula for spin Hurwitz number”

10:30 - 11:30 Olivier Biquard (École Normale Supérieure)
“Einstein orbifolds and complex singularities”

Lunch (11:30-15:30)

15:30 - 16:30 Kai Zheng (Inst. Fourier)
“Geodesics in the space of Kähler metrics with cone singularities”

17:00 - 18:00 Knut Smoczyk (Univ. Hannover)
“The strong elliptic maximal principle for vector bundles and applications to minimal maps”

Aug. 8 (Wed.)

9:00 - 10:00 Gérard Besson (Inst. Fourier)
“On open 3-manifolds and Ricci flow”

10:15 - 11:15 Kazushi Ueda (Osaka Univ.)
“Dimer models and geometry”

11:30 - Excursion

18:00 - Reception at New Miyako Hotel

Aug. 9 (The.)

9:00 - 10:00 Yanir Rubinstein (Stanford Univ.)

“The geometry of the space of Kähler metrics”

10:30 - 11:30 Yann Rollin (Univ. de Nantes)

“Deformation of singular complex surfaces, extremal metrics and stationary Lagrangians”

Lunch (11:30-15:30)

15:30 - 16:30 Hans-Joachim Hein (Imperial College)

“Calabi-Yau manifolds modelled on cones”

17:00 - 18:00 Bing Wang (Stony Brook Univ.)

“The regularity of limit space”

Aug. 10 (Fri.)

9:00 - 10:00 Misha Verbitsky (Moscow State Univ.)

“Global Torelli theorem for hyperkähler manifolds”

10:30 - 11:30 Ryushi Goto (Osaka Univ.)

“Poisson structures and generalized geometry”