

Tokyo-Seoul Conference in Mathematics

– Differential Geometry –

Date : November 30th (Sat) and December 1st (Sun), 2013

Venue : Lecture Hall, Graduate School of Mathematical Sciences, the University of Tokyo

November 30th (Sat)

9:50 - 10:00 Opening

10:00 - 11:00 Jeong Hyeong Park (Sungkyunkwan University)

Recent progress on universal curvature identities

11:15 - 12:15 Kota Hattori (University of Tokyo)

A generalization of Taub-NUT deformations

13:45 - 14:45 Juncheol Pyo (Pusan National University)

The classification of complete minimal surfaces in $\mathbb{H}^2 \times \mathbb{R}$ with total curvature greater than -2π

14:45 - 15:15 Tea Break

15:15 - 16:15 Hiroshi Ohta (Nagoya University)

Mirror symmetry and Lagrangian Floer theory

16:30 - 17:30 Yong-Geun Oh (IBS CGP and Postech)

Analysis of contact Cauchy-Riemann maps and canonical connection on contact manifolds

18:00 - Reception, Common room 222

December 1st (Sun)

10:00 - 11:00 Ryushi Goto (Osaka University)

Generalized contact structures and generalized Sasakian structures

11:15 - 12:15 Heayong Shin (Chung-Ang University)

Helicoids in 3-dimensional homogeneous spaces

13:45 - 14:45 Masahiko Kanai (University of Tokyo)

Cross ratio and its folks in geometry and dynamics

14:45 - 15:15 Tea Break

15:15 - 16:15 Jinsung Park (KIAS)

Renormalized volume and Chern-Simons invariant for quasi-Fuchsian hyperbolic manifolds

16:30 - 17:30 Hideki Omori (Tokyo University of Science)

Deformation Expression for Elements of Algebras

Organizing Committee :Jaigyoung Choe (KIAS), Akito Futaki(University of Tokyo)

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