Workshop "Geometry of Singularities and Related Area"

School of Mathematics and Statistics, Room 105,
Northeast Normal University, Changchun, China
March 28–29, 2017

As a sectional meeting of the international exchange day between Northeast Normal University and Hokkaido University, we organize the workshop in memory of our present and future friendship.

Organizers :
Donghe Pei (裴東河, Northeast Normal University)
Chen Liang (陳亮, Northeast Normal University)
Kong Lingling (孔令令, Northeast Normal University)
Weizhi Sun (孫偉志, Northeast Normal University)
Goo Ishikawa (石川剛郎, Hokkaido University)

Program

URL: `http://www.math.sci.hokudai.ac.jp/~ishikawa/conf17.html`

March 28

13:30 − 13:40 Opening by Donghe Pei.

13:40 − 14:00 Introduction by Goo Ishikawa.

14:20 − 14:40 Haiou Yu (于海鸥, Northeast Normal University),
　　　Envelopes of Legendre curves in the unit spherical bundle

14:40 − 15:00 Shun'ihci Honda (本多俊一, Hokkaido University),
　　　Rectifying developable surfaces of Frenet-type framed base curves and framed helices

15:20 − 15:40 Jie Huang (黄傑, Northeast Normal University),
　　　On geometry of Bertrand curves and principal normal geodesic surfaces in de Sitter 3-space

15:40 − 16:00 Ko Fujisawa (藤沢好, Hokkaido University),
　　　Thom form in equivariant Cech-de Rham cohomology

16:20 − 16:40 Cuilian, Zhang (張翠蓮, Northeast Normal University),
　　　Cusp of space curves in Euclidean 3-space

16:40 − 17:00 Kenji Hamada (濱田賢治, Hokkaido University),
　　　Darboux and Moser theorems for symplectic geometry

18:00 − Dinner

March 29

10:00 − 10:20 Faze Zhang (張発澤, Northeast Normal University),
　　　The subset of realizing metrics on the curve complex

10:20 − 10:40 Ye Liu (劉曄, Hokkaido University),
　　　Cohomology of braid groups and beyond

11:00 − 11:20 Guofang Zhang (張国芳, Northeast Normal University),
　　　Remarks on some star covering properties

11:20 − 11:40 Asahi Tsuchida (土田旭, Hokkaido University),
　　　Smooth solvability of generalized Hamiltonian systems and their isotropic submanifolds

14:00 − 17:00 Free discussion