"Theory of singularities of smooth mappings and around it"

DATES : November 25(Mon.) - November 29(Fri.)

VENUE: Room 420, RIMS, Kyoto University

URL : http://www.math.kobe-u.ac.jp/HOME/saji/math/conf2013/indexe.html

PROGRAM

NOVEMBER 25 (Monday)

14:00→14:45 · · · **Osamu SAEKI** (Kyushu University)

Topology of manifolds and global theory of singularities

15:00→15:45 · · · **Kentaro SAJI** (Kobe University)

Geometric invariants of cuspidal edges

16:00→16:45 · · · **Maria Carmen ROMERO FUSTER** (University of Valencia)

Generic geometry of 3-manifolds in Euclidean spaces

NOVEMBER 26 (Tuesday)

9:45→10:30 · · · **Goo ISHIKAWA** (Hokkaido University)

D_n geometry and singularities

10:45→11:30 · · · **João Carlos Ferreira COSTA** (São Paulo State University)

Some aspects of topological classification of singularities

13:00→13:45 · · · **Masayuki KAWASHIMA** (Science University of Tokyo)

On certain deformations of Morse singularities

14:00→15:00 · · · POSTER SESSION (Room 110)

　　Andrea de JESUS SACRAMENTO (University of São Paulo)

Focal Set of Curves in the Minkowski Space and in the de Sitter Space

　　Asahi TSUCHIDA (Hokkaido University)

　　Catarina MENDES de JESUS (Federal University of Viçosa)

Singularities of stable maps between surfaces from a global viewpoint

　　João Nivaldo TOMAZELLA (Federal University of São Carlos)

Invariants of Topological Relative Right Equivalences

　　Wataru YUKUNO (Hokkaido University)

Generic properties of polynomial control-affine systems

15:15→16:00 · · · **Edivaldo Lopes dos SANTOS** (Federal University of São Carlos)

On global inverse mapping theorems

16:15→17:00 ・ ・ ・ **Masahiro SHIOTA** (Nagoya University)
Nice range for analytic mappings

Night ・ ・ ・ ・ ・ ・ Banquet(details shall be announced in room 420)

NOVEMBER 27 (Wednesday)

9:45→10:30 ・ ・ ・ **Ana Claudia NABARRO** (University of São Paulo)
About asymptotic and binormal directions of spacelike surfaces in the de Sitter 5-space

10:45→11:30 ・ ・ ・ **Atsufumi HONDA** (Miyakonojo National College of Technology)
Non-convex anisotropic surface energy and CMC surfaces in the Lorentz-Minkowski space

13:00→17:00 ・ ・ ・ FREE DISCUSSION

NOVEMBER 28 (Thursday)

9:45→10:30 ・ ・ ・ **Juan Jose NUNO BALLESTEROS** (University of Valencia)
Unfolding plane curves with cusps and nodes

10:45→11:30 ・ ・ ・ **Yumiko KITAGAWA** (Oita National College of Technology)
The duality of geodesics on sub-Riemannian Cartan structures

13:00→13:45 ・ ・ ・ **Takayuki OKUDA** (Kyushu University)
Monodromies of splitting families for degenerations of Riemann surfaces

14:00→14:45 ・ ・ ・ **Bruna Oréfice OKAMOTO** (Federal University of São Carlos)
Equisingularity of families of Isolated Determinantal Singularities

15:15→16:00 ・ ・ ・ **Kazuto TAKAO** (Hiroshima University)
Realizing local moves of the Stein factorizations of smooth maps from 3-manifolds to 2-manifolds

16:15→17:00 ・ ・ ・ **Raimundo Nonato ARAUJO dos SANTOS** (University of São Paulo)
Singular open book at infinity and the topology of its leaves

NOVEMBER 29 (Friday)

9:45→10:30 ・ ・ ・ **Shyuichi IZUMIYA** (Hokkaido University)
Geometry of world sheets in Minkowski space-time

10:45→11:30 ・ ・ ・ **Yutaro KABATA** and **Toshiki YOSHIDA** (Hokkaido University)
Recognition of plane-to-plane map-germs and applications

11:45→12:30・・・**Roberta Godoi WIK ATIQUE** (University of São Paulo)
On the simplicity of multigerms
(joint work with M.A.S. RUAS and R. OSET SINHA)

14:00→17:00・・・FREE DISCUSSION

Organizers
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