

RIMS WORKSHOP

“PURSUIT OF THE ESSENCE OF SINGULARITY THEORY”

DATES : November 27 (Tue.) - November 30 (Fri.)

VENUE: Room 111, RIMS Kyoto University

URL : <http://www.math.kobe-u.ac.jp/HOME/saji/math/conf2012/rimse.html>

PROGRAM

NOVEMBER 27

14:15~15:00 · · · Atsufumi HONDA (Tokyo Institute of Technology)

Topics on Inverse problem of caustics of Extrinsicly flat fronts

15:15~16:00 · · · Masaru HASEGAWA (Saitama University)

Functions of singular surfaces

16:15~17:00 · · · Luciana F. MARTINS (IBILCE-UNESP-São José do Rio Preto)

Contact properties of surfaces in \mathbb{R}^3

(joint work with J.J.Nuño-Ballesteros)

NOVEMBER 28

10:00~10:45 · · · Kosuke NAOKAWA (Tokyo Institute of Technology)

Negatively curved Möbius strips on given knots

11:00~11:45 · · · Daisuke NAKAJO (Kyushu University)

Singularities of affine minimal surfaces

13:15~14:00 · · · Masashi YASUMOTO (Kobe University)

Weierstrass representation for semi-discrete minimal surfaces

14:15~15:00 · · · Yang JIANG (Hokkaido University)

Lightcone dualities for hypersurface in the sphere

15:15~16:00 · · · Kaname HASHIMOTO (Osaka City University)

Special Lagrangian submanifolds in the cotangent bundle of the sphere

16:15~17:00 · · · Farid TARI (University of São Paulo, São Carlos)

Projections of space curves and duality

(joint work with Raul Oset Sinha)

NOVEMBER 29

10:00~10:45 · · · Masaki KASEDOU (Hokkaido University)

Lightlike geometry of surfaces in de Sitter space

11:00~11:45 · · · Andrzej WEBER (University of Warsaw)

Equivariant characteristic classes of singular varieties via localization

13:15~14:00 · · · Ayako IDO (Nara Women's University)

On the distance of Heegaard splitting for a closed 3-manifold

14:15~15:00 · · · Yusuke MIZOTA (Kyushu University)

Improving estimate of the highest degree of liftable vector fields

15:15~16:00 · · · Kazuto TAKAO (Osaka University)

The number of unstable points on a homotopy between two functions and singularities of the product map

16:15~17:00 · · · Raul OSET SINHA (University of São Paulo, São Carlos)

On the classification of multigerms

(joint work with M. A. S. Ruas and R. Wik Atique)

NOVEMBER 30

10:00~10:45 · · · Masayuki NISHIOKA (Kyushu University)

Generic distance-squared mappings and their applications

(joint work with S. Ichiki and T. Nishimura)

11:00~11:45 · · · Masatomo TAKAHASHI (Muroran Institute of Technology)

Evolutes of fronts in the Euclidean plane

Organizers

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