

12th International Workshop on Real and Complex Singularities
Celebrating the 60th birthday of Shyuichi Izumiya | July 22-27 2012

This is to certify that

Alana Cavalcante Felipe

presented the poster, “*Stable maps of surfaces in the 2-sphere*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

São Carlos, July 27, 2012



Victor Hugo Jorge Pérez
Conference Organizer

School on Singularity Theory
July 16-21 2012

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This is to certify that

Aldicio José Miranda

presented the poster, “*An algorithm to construct the matrix of a presentation and applications*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Alex Carlucci Rezende

presented the poster, “*Global phase portraits of a SIS model*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Alex Paulo Francisco

presented the poster, “*Unfoldings of real functions*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Asahi Tsuchida

presented the poster, “*An extension of hamiltonian systems to the thermodynamic phase space*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Atsushi Yano

presented the poster, “*On Monge characteristic systems of hyperbolic differential systems*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Breno Rafael Pinheiro Sampaio

presented the poster, “*On the Morse inequalities*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Carla Andreia Wolf

presented the poster, “*The geometry of the focal surface and of the focal curve*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Catiana Casonatto

presented the poster, “*First order local Vassilier type invariants of stable maps of oriented 3-manifolds in R^4* ”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Claudio A Buzzi

presented the poster, “*Generic bifurcation of refracted systems*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Daisuke Nakajo

presented the poster, “*Indefinite improper affine spheres and indefinite affine minimal surfaces with singularities*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Elizabeth Salazar flores Ruth

presented the poster, “*Some results on pairs of involutions*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Francisco de Melo Viríssimo

presented the poster, “*On the motion under focal attraction in a rotating medium: a generalization*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Gláucia Aparecida Soares Miranda

presented the poster, “*Configurations of Principal Curvature Lines on Piecewise Smooth Surfaces*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Guillermo Peñafort Sanchis

presented the poster, “*Symmetric functions and applications to multiple point spaces in corank 2*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Hitoshi Kurokawa

presented the poster, “*Geometric singularities for solutions of single conservation laws*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Iris de Oliveira

presented the poster, “*Reversible-equivariant Belitskii normal form*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Jackson Itikawa

presented the poster, “*Center Conditions for a Family of Cubic Systems via Perturbations of Reduced Kukles Systems*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Jean Venato Santos

presented the poster, “*Jacobian Conjecture: a different approach*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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João Carlos Ferreira Costa

presented the poster, “*Topological and bi-Lipschitz contact equivalence of map germs*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Jorge Alberto Coripaco Huarcaya

presented the poster, “*Nondegenerate Ideals in the Ring of Polynomials*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Kazuto Takao

presented the poster, “*Two Morse functions and singularities of the product map*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Leandro Nery de Oliveira

presented the poster, “*Characterization of germs of irreducible plane curves with maximal torsion*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Lucas Ruiz dos Santos

presented the poster, “*A model of dissipation in the N-body problem*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Luci Roberto

presented the poster, “*On the periodic solutions of a class of Duffing differential equations*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Mauro Fernando Hernandez Iglesias

presented the poster, “*Polar of irreducibles curves with semigroup $\langle 2p; 2q; 2pq + d \rangle$* ”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Mirjana Milijevic

presented the poster, “*CR submanifolds*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Na Hu

presented the poster, “*Affine space curves and homogeneous surfaces*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Pedro Benedini Riul

presented the poster, “*Envelopes and apparent contour of surfaces*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Pedro Toniol Cardin

presented the poster, “*The effect of singular perturbation at typical singularities of Filippov systems*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Rodrigo Martins

presented the poster, “*Polar Multiplicities and Euler Obstruction for Ruled Surfaces*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Rodrigo Mendes Pereira

presented the poster, “*Homologia semialgébrica sobre corpos reais fechados*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Takami Sato

presented the poster, “*Curves on a spacelike surface in Lorentz-Minkowski 3-space*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Tiago de Carvalho Carvalho

presented the poster, “*The Cusp-Fold singularity on R^3 (bifurcations of non-smooth vector fields on R^3)*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Wataru Yukuno

presented the poster, “*Generic properties of singular trajectories of control affine system*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Yang Jiang

presented the poster, “*Lightcone dualities for curves in the sphere*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Yasuhiro Kurokawa

presented the poster, “*Webs on sphere by pencils of planes*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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Yoshiki Izumikawa

presented the poster, “*A symplectic framework for gravitational lensing*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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This is to certify that

Yusuke Mizota

presented the poster, “*Constructing generators for the module of liftable vector fields*”, at the 12th International Workshop on Real and Complex Singularities, held in São Carlos, Brazil, from July 22-27, 2012.

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