

**13th INTERNATIONAL WORKSHOP ON  
REAL & COMPLEX SINGULARITIES  
SCHOOL ON SINGULARITY THEORY**  
Celebrating the 60th birthday of Carmen Romero Fuster

This is to certify that

**Handan Yıldırım**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

São Carlos, August 8, 2014.



Ana Claudia Nabarro  
Conference Organizer



WORKSHOP ON REAL & COMPLEX SINGULARITIES (July 27th – August 1st 2014)

Mini-course 1

A walk in the world of perverse sheaves

Brasselet, J. P. (teaching load: 3 hours)

SCHOOL ON SINGULARITY THEORY (4th – 8th August 2014)

Mini-course 2

Analytic classification of plane branches: an algebraic viewpoint

Escudeiro M. (teaching load: 6 hours)

Mini-course 3

Theory of wave front propagations and Lorentz differential geometry

Izumiya, S. (teaching load: 6 hours)

Mini-course 4


Non-isolated hypersurface singularities, stratifications and Lê cycles

Massey, D. (teaching load: 6 hours)

Mini-course 5

Milnor's fibration theorems revisited

Seade J. and Cisneros J. L. (teaching load: 6 hours)



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**Pedro Benedini Riul**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Juan Antonio Moya Pérez**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Jonny Ardila Ardila**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Naohiko Kasuya**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**María García Monera**

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**Emilio de Carvalho**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Stanislaw Tadeusz Janeczko**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Zbigniew Jelonek**

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**Atsufumi Honda**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**FELIPE DE JESUS MENDEZ VARELA**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Yutaro KABATA**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Takayuki OKUDA**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Luis Florial Espinoza Sanchez**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Kenta Hayano**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Jose Edson Sampaio**

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**Thais Maria Dalbelo**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Camila Mariana Ruiz**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Joserlan Perote da Silva**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Rodrigo Mendes Pereira

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Rodrigo Martins**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

São Carlos, August 8, 2014.



Ana Claudia Nabarro  
Conference Organizer



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**Marcelo Buosi**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Carolina Cruz Mendes Buosi**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Edison Marcavillaca Niño de Guzmán

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Martin Barajas Sichaca**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Miriam da Silva Pereira**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Danubia Junca Cuzzuol**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Jane Lage Bretas**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Edvalter da Silva Sena Filho**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Faustino Agustín Romano Velázquez**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Jorge Luiz Deolindo Silva**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Patrícia Tempesta**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Carles Bivià-Ausina**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Nancy Carolina Chachapoyas Siesquen**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Jorge Alberto Coripaco Huarcaya**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Lito Edinson Bocanegra Rodriguez**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Ying Chen**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Sabrina Tang Christensen

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Edgar Leonardo Villarreal Gonzalez**

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**Pablo Portilla Cuadrado**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**MARTA AGUSTIN VICENTE**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Mini-course 1

A walk in the world of perverse sheaves

Brasselet, J. P. (teaching load: 3 hours)

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Analytic classification of plane branches: an algebraic viewpoint

Escudeiro M. (teaching load: 6 hours)

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Theory of wave front propagations and Lorentz differential geometry

Izumiya, S. (teaching load: 6 hours)

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Milnor's fibration theorems revisited

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Celebrating the 60th birthday of Carmen Romero Fuster**

This is to certify that

**Asahi Tsuchida**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

São Carlos, August 8, 2014.



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**Kazuto Takao**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Sonja Lea Heinze**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Yusuke MIZOTA**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Fernando Pereira Paulucio Reis**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Leandro Nery de Oliveira**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Andrea de Jesus Sacramento

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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**Maria Amelia de P. Barbosa Hohlenwerger**

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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## Rafaella de Souza Martins

participated in the School on Singularity Theory, held in São Carlos, Brazil, from 4<sup>st</sup> to 8<sup>th</sup> August 2014, at the Instituto de Ciências Matemáticas e de Computação, of the Universidade de São Paulo.

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