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Rodrigo Thomaz

Education

2023–present **PhD, Pure Mathematics**, *Cotutelle: Universidade Federal de São Carlos/Université de Lille*, Departamento de Matemática/Laboratoire Paul Painlevé.
Under the supervision of Prof. Francisco Braun and Prof. Mihai Tibăr; Prof. Paolo Aceto

2021–2023 **Master in Sciences, Pure Mathematics**, *Universidade Federal de São Carlos*, Departamento de Matemática-UFSCar.
On the classification of two dimensional flows, under the supervision of Prof. Francisco Braun

2017–2021 **Graduate, Bachelor in Mathematics**, *Universidade Federal de São Carlos*, Departamento de Matemática-UFSCar.
Geometria Conforme e Injetividade Global, under the supervision of Prof. Francisco Braun

2014–2016 **High School**, *Escola Estadual Edésio Castanho*.

Publications

2025 F. Braun, R. Thomaz, *Revisiting Markus–Neumann theorem*, São Paulo J. Math. Sci. **19**, 8.

Selection of research experiences

Jun 08–12, 2026 **Singularities and Related Topics: in Memory of Mihai Tibăr**, *Université de Lille*, Laboratoire Paul Painlevé.
With presentation of a talk titled "Real submersions in the plane: bifurcation and equivalence"

May 25–29, 2026 **Geometry and Topology of Singularities (Dedicated to the memory of Mihai Tibăr)**, *Institutul de Matematică Simion Stoilow al Academiei Române*, IMAR.

May 18–29, 2026 **Visiting researcher**, *Institutul de Matematică Simion Stoilow al Academiei Române*, IMAR.

Sep 08–12, 2025 **10th International Mathematics and Informatics Conference: Distance and Critical Points**, *Universitatea Sapientia*.

Sep 01–05, 2025 **Research School: Singularities and Applications to Optimization**, *Institutul de Matematică Simion Stoilow al Academiei Române*, IMAR.
With presentation of a talk titled "Visualizing surfaces with SURFER"

May 26–Jun 13, 2025 **Spring School and Conference: Singularities in Algebraic Geometry**, *Université de Rennes*, Centre Henri Lebesgue.

Nov 25–29, 2024 **XIII Workshop on Dynamical Systems**, *Universidade Estadual de Campinas*, IMECC-Unicamp.
With presentation of a poster titled "The properties of some polynomial submersions via their bifurcation set"

Sep 09–13, 2024 **CIMPA Research School: Topology and Algebra of Singularities and their Applications**, *Universitatea Ovidius din Constanța*.
With presentation of a poster titled "Properties of polynomial submersions via their bifurcation set"

Fev 26–Mar 01, 2024 **Brazil-France School on Foliation Theory**, *Instituto Nacional de Matemática Pura e Aplicada*, A school hosted simultaneously at CIRM and IMPA.

Nov 6–9, 2023 **XII Workshop On Dynamical Systems**, *Universidade Estadual Paulista*, Ibilce/UNESP.
With presentation of a poster titled "Classification of two dimensional flows"

Jul 24–28, 2023 **34th Brazilian Mathematics Colloquium (CBM)**, *Instituto Nacional de Matemática Pura e Aplicada*, IMPA.
With presentation of a poster titled "Classification of continuous flows"

Selection of summer courses

2024 **Algebraic Curves**, *Instituto Nacional de Matemática Pura e Aplicada*, IMPA.
Taught by Prof. Carolina Araújo and Prof. Eduardo Esteves

2023 **Commutative Algebra**, *Instituto Nacional de Matemática Pura e Aplicada*, IMPA.
Taught by Prof. Eduardo Esteves

2019 **Fundamental Group and Covering Spaces**, *Instituto Nacional de Matemática Pura e Aplicada*, IMPA.
Taught by Prof. Paulo Sad

Grants and Awards

2023–present ***FAPESP grant*** to finance my PhD's studies.

2021–2023 ***FAPESP grant*** to finance my Master's studies.

2010–2016 ***Seven medals*** in the Brazilian Mathematical Olympiad of Public Schools (OBMEP in Portuguese). Six silver medals and one gold medal.

Skills

Languages

Brazilian Portuguese, *mother tongue*.

English, *fluent*.

French, *fluent*.