

**Programação do Workshop on Algebraic Topology and Applications
de 8 a 10 de novembro de 2023 – ICMC – USP São Carlos-SP**

Quarta-feira 08/11		Aud. Fernão Stella
08:10	08:30	Recepção
08:30	09:00	Abertura
09:00	09:35	Marcio Colombo Fenille – UFU <i>On strong surjections onto the projective plane</i>
09:40	10:25	Mauro Spreafico - Università di Trento - Italy <i>Spherical space forms and group resolutions</i>
10:25	10:45	Café
10:45	11:30	Jean-Paul Brasselet - CNRS - Universidade de Aix-Marseille <i>Poincaré-Hopf na moda Lipschitz</i>
11:30	12:00	Renato Vasconcellos Vieira – UNESP – Rio Claro <i>The K-theoretical classification of fermionic systems with symmetries</i>
		Janaina de Santana Santos – IME – USP Aud. Luiz Fávoro <i>Fixed point free \mathbb{Z}_2-valued split maps on torus</i>
12:00	14:00	Almoço
14:00	14:45	Facundo Memoli - The Ohio State University - USA <i>The Gromov-Hausdorff distance between spheres</i>
14:45	15:30	Peter Wong - Bates College - USA <i>Fixed point free self homeomorphisms</i>
15:30	16:00	Café + Poster A
16:00	16:35	Gerson Ledesma - UERJ <i>Smale flows on $\mathbb{S}^2 \times \mathbb{S}^1$</i>
		Cynthia de Oliveira L. Ferreira – ICMC – USP Aud. Luiz Fávoro <i>The central role of cancer driver genes in pathway networks according to persistence homology</i>
16:35	17:10	Luiz Hartmann – UFSCar <i>An Atiyah-Bott formula for the Lefschetz number of a singular foliation</i>
17:15	18:00	Osamu Saeki - Kyushu University – Japan <i>Special generic maps and Gromoll filtration</i>

Quinta-feira 09/11		Aud. Fernão Stella
08:25	09:00	Dahisy Lima - UFABC <i>Algebraic-Topological Methods in Dynamical Systems</i>
09:00	09:35	Ketty A. de Rezende (IMECC - UNICAMP) <i>Manzoli's Contributions to Bridging Topology and Dynamics</i>
09:40	10:25	Marek Golasinski - UWM - Poland <i>On the homotopy nilpotency and solvability of homogenous manifolds and classical Lie groups</i>
10:25	10:45	Café
10:45	11:30	Gioia Vago - Université de Bourgogne – France <i>Minimal number of periodic orbits for nonsingular Morse-Smale flows</i>
11:30	12:00	Marco Antônio de Freitas Contessoto – UNESP – Rio Claro <i>Levantamento de Invariantes Topológicas para Persistência</i>
		Renato Diniz – UFRB Aud. Luiz Fávaro <i>Goldberg-type short exact sequences for surface braid groups</i>
12:00	14:00	Almoço – Tarde Livre

Sexta-feira 10/11		Aud. Fernão Stella
08:25	09:00	Maria Alice Bertolim - ESEO Dijon <i>A continuation algorithm for Lyapunov graphs of Smale type</i>
09:00	09:35	Northon Canevari Leme Penteadó – UFCA <i>A root theory development in dimension 3</i>
09:40	10:25	Waclaw Marzantowicz – UAM – Poland <i>The Reeb graph – a bridge between geometry, analysis and algebra</i>
10:25	10:45	Café
10:45	11:30	Washington Mio – Florida State University – USA <i>Spaces Parallel to Topological Manifolds</i>
11:30	12:00	Guilherme Vituri Fernandes Pinto - Argus Solutions <i>Topology meets the real world: how geometry can help us analyse finite metric spaces</i>
		Enio Carlos Leite – UFBA Aud. Luiz Fávoro <i>Um invariante para nós singulares</i>
12:00	14:00	Almoço
14:00	14:45	Pedro Pergher - UFSCar <i>About CP property</i>
14:45	15:20	Thaís F. M. Monis – UNESP – Rio Claro <i>Equivariant preimage classes</i>
		Wagner Carvalho Sgobbi – UFSCar Aud. Luiz Fávoro <i>A geometric approach to the Reidemeister-Schreier algorithm</i>
15:20	16:00	Café + Poster B
16:00	16:35	Weslem Liberato Silva - UESC <i>Homotopy minimal periods for fiber maps on the trivial SS^1-bundle over SS^1</i>
		Thales Fernando Vilamaior Paiva – UFMS Aud. Luiz Fávoro <i>Free action of compact Lie groups and cohomology of orbit spaces</i>
16:35	17:10	Carolina de Miranda e Pereiro - UFES <i>The Borsuk-Ulam Theorem for \mathbb{Z}_n-valued maps between surfaces</i>
17:15	18:00	Daciberg Lima Gonçalves – IME – USP <i>Some comments about the Borsuk-Ulam type question for non-free actions</i>

<p align="center">Poster A quarta-feira 08/11</p>	<p align="center">Poster B sexta-feira 10/11</p>
<p><i>GENERALIZATION OF THE COLORED TVERBERG THEOREM OF ŽIVALJEVIĆ AND VREĆICA</i></p> <p>CARLOS HENRIQUE FELICIO PONCIO</p>	<p><i>ON TOPOLOGY OF GENERIC MAPS</i></p> <p>ALICE KIMIE MIWA LIBARDI</p>
<p><i>THE EXTENSION CATEGORY OF A MAP</i></p> <p>CESAR A. IPANAQUE ZAPATA</p>	<p><i>DOUBLE COVERING OF A T^2-BUNDLES OVER T^2</i></p> <p>ANDERSON PAIÃO DOS SANTOS</p>
<p><i>THE R_∞ NILPOTENCY DEGREE OF SOME LOLLIPOP GBS GROUPS</i></p> <p>DALTON COUTO SILVA</p>	<p><i>O NÚMERO DE NIELSEN-BORSUK-ULAM E O NÚMERO Z_2-REIDEMEISTER NO TORO</i></p> <p>GIVANILDO DONIZETI DE MELO</p>
<p><i>TORSION FOR CW-COMPLEXES</i></p> <p>GUSTAVO CARDOSO</p>	<p><i>THE CIRCLE AS A MINIMAL ROOT SET</i></p> <p>GUSTAVO DE LIMA PRADO</p>
<p><i>UMA INTRODUÇÃO A HOMOLOGIA SIMPLICIAL</i></p> <p>PEDRO HENRIQUE DE OLIVEIRA</p>	<p><i>ALGEBRAIC TOPOLOGY METHODS IN COMBINATORICS AND DISCRETE GEOMETRY PROBLEMS</i></p> <p>LEANDRO V. MAURI</p>
<p><i>A ESTABILIDADE DOS DIAGRAMAS DE PERSISTÊNCIA</i></p> <p>SÉRGIO RODRIGUES VERDE JUNIOR</p>	<p><i>UNIQUENESS OF PERSISTENT HOMOLOGY THEORY, AXIOMS AND ITS SIMPLIFICATION</i></p> <p>SERGIO URA</p>
	<p><i>FREE CYCLIC ACTIONS ON SURFACES AND THE BORSUK-ULAM PROPERTY FOR MAPS INTO THE SPHERE S^2</i></p> <p>VINICIUS CASTELUBER LAASS</p>