

**Day of Young Researchers**  
**Friday 22 July 2016 at Auditorium Luiz Fávoro ICMC**

	<b>Speaker</b>	<b>Title</b>
<b>08:30 – 08:55</b>	Patricia Tempesta, Brazil	On equivariant binary differential equations
<b>09:00 – 09:25</b>	Cristhian Emmanuel Garay Lopez, Brazil	On real Weierstrass points of real algebraic curves of genus four
<b>09:30 – 9:55</b>	Flausino Lucas Neves Spindola, Brazil	Bifurcation and genericity conditions for axial cycles of surfaces immersed in $R^4$
<b>10:00 – 10:30</b>	<b>BREAK</b>	
<b>10:30 – 10:55</b>	Justyna Marta Walewska, Poland	Non-degenerate jump of Milnor numbers of surface singularities
<b>11:00 – 11:25</b>	Jackson Itikawa, Brazil	Limit cycles in discontinuous polynomial differential systems of degree 2 and 3 with two straight lines of discontinuity
<b>11:30 – 11:55</b>	João Hélder Olmedo Rodrigues, Brazil	Characteristic $p$ , singularities of hypersurfaces and the Milnor number
<b>12:00 – 14:00</b>	<b>LUNCH</b>	
<b>14:00 – 14:25</b>	Michal Piotr Farnik, Poland	Singularities of general polynomial mappings
<b>14:30 – 14:55</b>	Otoniel Nogueira da Silva, Brazil	Whitney equisingularity of families of surfaces
<b>15:00 – 15:25</b>	Arturo Giles Flores, Mexico	On the Nash modification of a germ of complex analytic singularity
<b>15:30 – 16:15</b>	<b>POSTERS WITH COFFEE (at ICMC Library patio)</b>	
	<b>Author</b>	<b>Title</b>
	Dimas Noe Tejada Tejada, Brazil	Surfaces around closed principal curvature lines in minkowski space $R^{(2,1)}$
	Josefa G. do Nascimento Santana, Brazil	Equivalence between the hypothesis of Milnor-Lê fibration of $f/\bar{g}$ and Milnor fibration of $f/g$ in $(C^2,0)$ .
	Erica Boizan Batista, Brazil	Topological classification of map germs
	Mauro Fernando Hernández Iglesias, Brazil	On the Merle Theorem
	Reillon Oriel Carvalho Santos, Brazil	A Counterexample for Kedlaya theorem on the algebraic closure of $K((t))$ in positive characteristic.
<b>16:15 – 16:40</b>	Zwierzynski Michal, Poland	The improved isoperimetric inequality and the Wigner caustic of planar ovals
<b>16:45 – 17:10</b>	Mirna Lissette Gomez Morales, Mexico	The codimension-one discriminant of a stable mapping

