

## Workshop on Topological and Analytical Methods in Singularity Theory

### Programm of the 1st week

Time	Monday 4	Tuesday 5	Wednesday 6	Thursday 7	Friday 8
11:00		Weighted projective planes and weighted Lê-Yomdine singularities. <b>Enrique Artal Bartolo (Universidad de Zaragoza)</b>		Weighted projective planes and weighted Lê-Yomdine singularities. <b>Enrique Artal Bartolo (Universidad de Zaragoza)</b>	
11:30					
12:00		Strings, Local Zeta Functions, Etc. <b>Wilson Zúñiga Galindo (Cinvestav, Querétaro)</b>		On the log canonical threshold and numerical data for plane curve singularities. <b>Wim Veys (KU Leuven)</b>	F-Volumes <b>Sandra Rodríguez Villalobos (UNAM)</b>
12:30					
13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:30					
14:00			Hodge theory of matroids. <b>Botong Wang (University of Wisconsin, Madison)</b>		
14:30	Hodge theory of matroids. <b>Botong Wang (University of Wisconsin, Madison)</b>				Topology of the Saito foliation of a complex plane curve. <b>Yohann Genzmer, (Université Paul Sabatier, Toulouse)</b>
15:00					
15:30	Geometric monodromy via tête-à-tête graphs. <b>Pablo Portilla (CIMAT)</b>		Geometric monodromy via tête-à-tête graphs. <b>Pablo Portilla (CIMAT)</b>	Multivalued forms on $P^1$ and cohomology with local coefficients	The monomial curve and its deformations
16:00				Colloquim DEMAT-CIMAT: Ultrametricidad en Física. <b>Wilson Zúñiga Galindo, (Cinvestav, Querétaro)</b>	
16:30	Break	Break	Break		
17:00	Configurations of points and new Zariski pairs of line arrangements. <b>Juan Viu-Sos (IMPA)</b>	Periods of integrals in the Milnor fiber <b>Guillem Blanco, (Universidad Politécnica de Cataluña)</b>		Asymptotic expansion for higher bilinear forms on the Milnor algebra induced by Grothendieck duality <b>Miguel Angel de la Rosa, (Universidad de Tabasco)</b>	The Tjurina number for plane curve singularities. <b>Patricio Almirón (Universidad Complutense de Madrid)</b>
17:30					

All talks will be held in D-604, except for the Friday afternoon talks that will be held in G101.

Lunch will be served at the terrasse D-703