		7th Crossing Number Workshop	
PROGRAM		Rio de Janeiro, Brazil May 18-22, 2015	PROGRAM

SUNDAY 17/05/2015

Registration 6:00 pm

MONDAY 18/05/2015

Opening	09h00	
Keynote		**Speaker**: Petr Hlineny (Brno, Czech Republic)
		09:00 am Joint Embedding ("Two Maps on One Surface"): Computational Complexity
Keynote		**Speaker**: Gelasio Salazar (San Luis, Mexico)
		09h40 Pseudolinear drawings
Morning Session 1	**DENSE GRAPHS** **10h20** Crossing number and highly connected graphs, Alan Arroyo **10h40** Crossing-critical edges and Kuratowski subgraphs, César Hernández-Vélez	
	C O F F E E	
Morning Session 2	**ON $K_{5,n}$ CROSSING NUMBER** **11h20** On the optimal drawings of $K_{5,n}$, Carolina Medina **11h40** The Crossing Number of $K_{5,n}$ on The Projective Plane, André Carvalho Silva	
	LUNCH	
Afternoon Session	**13h30** Open Problems	
Afternoon Session	**14h30** Working Groups	

TUESDAY 19/05/2015

Keynote		**Speaker:** Markus Chimani (Osnabrück, Germany)
		09:00 Automatic Crossing Number Proofs
Keynote		**Speaker:** Drago Bokal (Maribor, Slovenia)
		09:40 am Crossing graphs of book drawings are circular graphs
Morning Session 1	**ALGORITHMS** **10h20** Computational tools for the rectilinear crossing number and other geometric problems, Ruy Fabila **10h40** From MultiCut to Crossing Number, Rafael Pocai	
	C O F F E E	
Morning Session 2	**ON INTERSECTIONS** **11h20** Intersection Graphs, Fabiano Oliveira **11h40** Representing Planar Graphs Using Intersecting Curves, Martin Derka	
	LUNCH	
Afternoon Session	Working Groups	

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WEDNESDAY 20/05/2015

Keynote	**Speaker:** Paul Kainen (Georgetown, USA) 09:00 am Book-crossing numbers of circulant graphs
Keynote	**Speaker:** Daniel J. McQuillan 09:40 am Crossing numbers of Complete graphs
Morning Session 1	**PRODUCT AND JOINS** **10h20** Join products and crossing numbers of derived graphs, Marian Klesc **10h40** Bounds on the crossing number of the n-cube, Luerbio Faria
Conference Tour	

THURSDAY 21/05/2015

Keynote	**Speaker:** Pedro Ramos (Alcala, Spain) 09:00 am Monotone and c-monotone drawings of the complete graph
Keynote	**Speaker:** Thomas Hackl (Graz, Austria) 09:40 Deciding monotonicity of good drawings of the complete graph
Morning Session 1	**GOOD DRAWINGS FOR THE COMPLETE GRAPH** **10h20** All good drawings of small complete graphs, Birgit Vogtenhuber **10h40** Research Problems on good drawings of the complete graph, Oswin Aichholzer
COFFE	
Morning Session 2	**COMPLETE GRAPHS** **11h20** Crossings in cylindrical drawings of the complete graph, Silvia Fernandez **11h40** Around Albertson's Conjecture, Marek Dernar
LUNCH	
Afternoon Session 2	**13:30** Working Groups

Friday 22/05/2015

Keynote	**Speaker:** Bernardo Abrego (Northridge, USA) 09h00 On the Crossing Lemma
Morning Session	**09h40**
Overture	**12:00**