

## Algorithms and Combinatorics (A&C)

Wednesday, Nov 6th

### Parallel session W1: Graph classes and Algorithms

Organizer: M. Stein

Chair: Maya Stein

11h00-11h30	Gelasio Salazar	U. Aut. San Luis Potosi, México	Knots and shadows: applications of graph theory to knot theory
11h30-12h00	Cristina Fernandes	USP, Brazil	A new approximation for Maximum Leaf Spanning Arborescence on directed acyclic graphs
12h00-12h30	Mario Valencia-Pabón	Paris 1, France	Hom-idempotent graphs, normal Cayley graphs and k-tuple coloring of graphs

### Parallel session W2: Random graphs and limits

Organizer: M. Stein

14h00-14h30	Dieter Mitsche	U. Nice, France	k-regular subgraphs near the k-core threshold of a random graph
14h30-15h00	Hiep Hàn	USACH, Chile	Quasi-random words and limits of word sequences

Thursday, Nov 7th

### Parallel session W3: Structural graph theory

Organizer: M. Stein

Chair: TBA

11h00-11h30	Fábio Botler	UFRJ, Brazil	Further on Gallai's path decomposition conjecture
11h00-12h00	Daniel Quiroz	UCH, Chile	Clique immersions and independence number
12h00-12h30	César Hernandez-Cruz	CINESTAV, México	Strongly chordal digraphs

### Parallel session W4: Extremal graph theory and colouring

Organizer: M. Stein

Chair: TBA

14h00-14h30	Carlos Hoppen	UFRGS, Brazil	The Erdős-Rothschild problem and generalizations
14h30-15h00	Guilherme Mota	UFABC, Brazil	The size-Ramsey number of 3-uniform tight paths
15h00-15h30	Kolja Knauer	U. Aix-Marseille, France	Complete acyclic colorings