

## MSC08. In honour of Steve Kirkland's 60th Birthday.

Organizers: Hermie Monverde, Sarah Plosker, and Jane Breen.

**MONDAY, 11:10-11:40: SALÓN DE ACTOS.** Stochastic Matrices  
Realising the Boundary of the Karpelevic Region. Helena Smigoc.

**MONDAY, 11:40-12:10: SALÓN DE ACTOS.** On  
Kemeny's constant and its applications. Emanuele Crisostomi.

**MONDAY, 12:10-12:40: SALÓN DE ACTOS.** Markov chains: theory and applications. Jane Breen.

**MONDAY, 12:40-13:10: SALÓN DE ACTOS.** Kemeny's constant and Braess edges. Sooyeong Kim.

**TUESDAY, 11:10-11:40: SALÓN DE  
ACTOS.** Reminiscences of Steve Kirkland. Richard A. Brualdi.

**TUESDAY, 11:40-12:10: SALÓN DE ACTOS.** Rank one perturbations  
for cone reachability and holdability. Michael Tsatsomeros.

**TUESDAY, 12:10-12:40: SALÓN DE ACTOS.** Refined  
inertias of full and hollow positive sign patterns. Minerva Catral.

**TUESDAY, 12:40-13:10: SALÓN DE ACTOS.** A Short Survey  
on the Scrambling Index of Primitive Digraphs. Mahmud Akelbek.

**WEDNESDAY, 11:10-11:40: SALÓN DE ACTOS.** Quantum computing and graph theory. Chi-Kwong Li.

**WEDNESDAY, 11:40-12:10: SALÓN DE ACTOS.**  
Pretty good state transfer among large set of vertices. Ada Chan.

**WEDNESDAY, 12:10-12:40: SALÓN DE ACTOS.** Fractional revival on graphs. Xiaohong Zhang.

**WEDNESDAY, 12:40-13:10: SALÓN DE ACTOS.** Perfect  
state transfer on trees with small diameter. Steve Kirkland.

**THURSDAY, 11:10-11:40: SALÓN DE  
ACTOS.** Extremal Singular Graphs and Nut Graphs. Irene Sciriha.

**THURSDAY, 11:40-12:10: SALÓN DE ACTOS.** Limit  
points of Laplacian spectral radii of graphs. Vilmar Trevisan.

**THURSDAY, 12:10-12:40: SALÓN DE  
ACTOS.** Smallest positive eigenvalue of graphs. Sasmita Barik.

**THURSDAY, 12:40-13:10: SALÓN DE ACTOS.** Some  
bounds for the energy of complex unit gain graphs. Rajesh Kannan.

Updated: 02 June 2023