



Special Session 33 - "Spectral Graph Theory"

Building: Economia, 3rd floor

Room: Aula 6

Wednesday, 9 September	
11:00 – 11:20	Alfredo Donno <i>A sequence of integral and distance integral Cayley graphs with few distance eigenvalues</i>
11:20 – 11:40	Carlos Hoppen <i>Recent advances on the inverse eigenvalue problem on trees</i>
11:40 – 12:00	Matteo Cavaleri <i>Partial transposition and the construction of cospectral graphs, signed graphs, and complex unit gain graphs</i>
12:00 – 12:20	Renata Del Vecchio <i>Maximum Nullity and Zero Forcing in Generalized Petersen Graphs</i>
12:20 – 12:40	Callum Huntington <i>Graphs and signed graphs with integer reciprocal eigenvalue properties</i>
12:40 – 13:00	Stefano Spessato <i>The NEPS of gain graphs over arbitrary groups and its spectra</i>
14:30 – 14:50	Cybele T.M. Vinagre <i>Characterizing graphs for which the second largest distance eigenvalue is less than $-1/2$</i>
14:50 – 15:10	Adriana Ciampella <i>Determined-by-Adjacency Spectrum problem of signed tadpoles</i>
15:10 – 15:30	Daniele D'Angeli <i>On totally synchronizing graphs</i>
15:30 – 15:50	Maurizio Brunetti <i>Graphs whose second-largest Seidel eigenvalue lies in $[-1, 1]$</i>
15:50 – 16:10	Vilmar Trevisan <i>Brouwer's Conjecture: Recent Developments</i>