

**Line A: Algebra, Geometry and Discrete Structures****Tuesday 12 November, 12:00, Sala d'actes**

<b>Time</b>	<b>Name</b>	<b>Title</b>
12:00-12:03	Juanjo Rué – Welcome	
1 12:03-12:11	Guillem Perarnau	Unraveling the Probabilistic Method
2 12:11-12:19	Simeon Ball	Additive MDS codes for quantum codes
3 12:19-12:27	Marc Noy	Graph drawing of planar graphs; Boltzmann samplers for planar maps
4 12:27-12:35	Julian Pfeifle	Coxeter matroids; Ehrhart polynomials of permutohedra
5 12:35-12:43	Rodrigo Silveira	Problems on geometric graphs and applications
6 12:43-12:51	Andres Encinas/Maria J. Jiménez	Algorithm for recovering the conductances in finite networks
7 12:51-12:59	Angeles Carmona/Margarida Mitjana	Kemeny constant in finite networks with reflexing barrier
8 13:10-13:18	Javier Herranz	Shamir secret sharing with small Lagrange coefficients
9 13:18-13:26	Narciso Roman	The second-order problem for singular Lagrangian field theories in the k-presymplectic formulation
10 13:26-13:34	Xavier Gràcia	Topics in geometric mechanics
11 13:34-13:42	Enric Ventura	The Bieri-Neuman-Streble invariant