Seminari Informal
de Matemàtiques de Barcelona

Speaker:	Pau Mir Garcia.
University:	Universitat Politècnica de Catalunya.
Date:	Wednesday, January 25th, 2023.
Schedule:	13:00, *virtual coffee break*; 13:20, talk.
Place:	UPC (FME aula 103) and Zoom.
Language:	English.
Title:	Classification of symplectic toric manifolds

Abstract: Symplectic toric manifolds are smooth compact connected symplectic manifolds equipped with an effective hamiltonian action of a maximal torus and an associated moment map. In this talk, I will explain two paradigmatic results about their classification via a special class of convex polytopes.

About us: *SIMBa* is a mathematics seminar organized by graduate students in the Barcelona area. It is aimed towards graduate and last course undergraduate students. Our goals are divulging the knowledge from different branches of mathematics for those interested and promote networking between the attendants.

This seminar is backed by the Faculty of Mathematics and Computer Science at Universitat de Barcelona, Faculty of Mathematics and Statistics at Universitat Politècnica de Catalunya, the Department of Mathematics from Univesitat Autònoma de Barcelona, CRM, IMUB and BGSMath.

Fore more information, visit at www.ub.edu/simba/en/.

If you have any doubt or comment do not hesitate to contact us by sending an email to *seminari.simba@gmail.com*.