

The logo for SIMBa, consisting of the text "SIMBa" in a bold, black, serif font, centered on a solid orange rectangular background.

# Seminari Informal de Matemàtiques de Barcelona

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**Speaker:** Eduard Vilalta.

**University:** Universitat Autònoma de Barcelona.

**Date:** Wednesday, November 16th, 2022.

**Schedule:** 13:00, *virtual coffee break*; 13:20, talk.

**Place:** UAB (aula petita del CRM) and Zoom.

**Language:** English.

**Title:** C\*-algebras and the Elliott classification program

**Abstract:** The culmination of the Elliott classification program is one of the cornerstones in the theory of C\*-algebras. It is a result by many hands and decades of work, the fruits of which have been proved to be useful in a variety of situations.

Starting with the definition of a C\*-algebra, the goal of this talk is to (informally) explain both the classification result and some of the rich history behind it.

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**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/](http://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](mailto:seminari.simba@gmail.com).