# Seminari Informal
# de Matemàtiques de Barcelona

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**Speaker:**      Damian Dabrowski.
**University:**   University of Jyväskylä.

**Date:**         Wednesday, March 24th, 2021.
**Schedule:**     12:00, *virtual coffee break*; 12:20, talk.
**Place:**        Zoom (the link will be posted on our website).
**Language:**     English.

**Title:**        On measures, projections, and measures of projections

**Abstract:**     In this talk we will look at the following question: given a subset of
the plane, what is the relation between the size of the set and the
size of its orthogonal projections? To make the notion of "size" more
precise, I will first explain what the Hausdorff measures and the Haus-
dorff dimension are. The talk should be accessible to anyone who has
completed a basic calculus course.

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**About us:** *SIMBa* is a youth 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 knoweledge 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*.