

# Seminari Informal de Matemàtiques de Barcelona

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**Speaker:** Adrián Hinojosa.  
**University:** Universitat de Barcelona.

**Date:** Wednesday, 27th of May.  
**Schedule:** 12:00, *virtual coffee break (bring your coffee)*; 12:20, talk.  
**Place:** Zoom, *A link will be sent via email, please sign up in our web.*  
**Language:** Spanish.

**Title:** Ecuación estocástica de Cahn Hilliard.

**Abstract:** La ecuación estocástica de Cahn- Hilliard (que es prima hermana de la ecuación del calor) está dada por  $\frac{\partial u}{\partial t} = \nabla^2 u + F$  donde  $F$  es un proceso aleatorio. Analizaremos cómo es posible construir una solución a dicho problema cuando  $F$  es un ruido blanco así cómo sus principales propiedades.

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**About us:** The SIMBa is a young seminar organized by students of the Faculties of Mathematics and Computer Science of Barcelona. It is aimed at doctoral, master's degree students and, also, for those who are in the last grade courses. Our goal is that each one can make known the research which they are doing, as well as, to get new knowledge of other areas of mathematics than his own..

For 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@ub.edu](mailto:seminari.simba@ub.edu).