

Seminari Informal de Matemàtiques de Barcelona

Speaker: Eduard Roure Perdices.
University: Universitat de Barcelona.

Date: Wednesday, 28th of November.
Schedule: 12:00, *coffee break*; 12:20, talk.
Place: B1 classroom, *Facultat de Matemàtiques* of UB.
Language: English.

Title: Goldbach's weak conjecture: Helfgott's theorem and numerical verification.

Abstract: Goldbach's weak conjecture asserts that every odd integer greater than 5 is the sum of three primes. We study that problem, and the proof of it presented in 2013 by H. A. Helfgott and D. Platt. We focus on the circle method. Finally, we describe a computation that confirms Goldbach's weak conjecture up to 10^{28} .

About us: The SIMBa is a young seminar organized by the PhD students of the Faculties of Mathematics and Computers 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 other than his own..

More information at www.ub.edu/simba/en/.

If you have any doubt or comment, do not hesitate to contact us by sending an email to the email address *seminari.simba@ub.edu*.