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}.