

Number Theory & Combinatorics Seminar

Monday—September 24, 2012

Room: E575

Time: 12:00 to 12:50 p.m.

Speaker: Amir Akbary (University of Lethbridge)

Title: On a Conjecture of Erdős

Abstract: Let m be an integer bigger than 1 and let $P(m)$ denote the largest prime divisor of m . In 1962, Erdős conjectured that

$$\lim_{n \rightarrow \infty} \frac{P(2^n - 1)}{n} = \infty.$$

In 2000, Ram Murty and Siman Wong conditionally resolved this conjecture, under the assumption of a celebrated conjecture in number theory. In this talk I will describe their work.

EVERYONE IS WELCOME!

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