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**Seminar of the Department of Mathematics and Statistics, University of Cyprus**

Room: 037, ΣΘΕΕ01. Date: 18/10/2017 Time: 11:00

**Speaker :** Tim Browning (University of Bristol)

**Title :** Diophantine equations: use and misuse

**Abstract:**

Integer solutions to polynomial equations have been studied since antiquity. In this talk I will discuss some of the surprising contexts that these equations arise, such as to quantum computing, before describing some recent work specific to cubic equations.