

Cambridge Physics Centre presents:

How heavy is 1 kg of information?

Dr Jossy Sayir, Department of Engineering, University of Cambridge

Dr Sayir is a self-confessed information geek. 'Information' was scientifically defined by Claude Elwood Shannon in 1948 while riding his unicycle between two juggling sessions. Shannon's information is quantifiable, measureable, and the output of any source of information can be compressed to its mathematical information content. All communication channels have an information capacity and can be used to transmit information reliably as long as the channel capacity is not exceeded. This applies to mobile phones, or to smoke signals. Dr Sayir is highly rated as a lecturer by engineering undergraduates. Hear him enthuse about this strange subject and find a whole new way of envisioning information.

6pm on Thursday 14th January 2016

Pippard Lecture Theatre, Cavendish Laboratory,

J J Thomson Avenue, Cambridge

Directions at <http://outreach.phy.cam.ac.uk/programme/cpc>

No need to book, just turn up

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