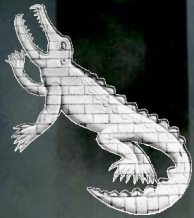


Cambridge Physics Centre presents:

Synchronised fireflies and balancing broomsticks (or why bridges wobble!)

By Allan McRobie, Reader, Department of Engineering, University of Cambridge

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Supporting a stationary traffic jam in the sky is easy: it just needs cables, towers and one line of calculation. Things become much trickier when the wind blows. When the bridge's live load moves, it become even more interesting: the physics, biology and psychology of people all come in to play. Bridges are wholesome, they provide connections but if the designers get it wrong, the consequences are terrible. Come and find out how bridge designers get it right.

6pm on Thursday 19th March 2015

Pippard Lecture Theatre, Cavendish Laboratory, J J Thomson Avenue, Cambridge

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

No need to book, just turn up