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# Quantum effects in biological systems: An introduction

*Thursday, 12 July 2012 16:00 (20 minutes)*

## Abstract content <br>   (Max 300 words)

Recently, non-trivial quantum phenomena have been observed in biological systems. Notably, long-lived coherences in photosynthetic complexes have been reported. The aim of the talk is to briefly review some of these effects and to show how quantum mechanics, and in particular the theory of open quantum systems, can be applied to the description of quantum effects in biological systems.

## Apply to be<br> consider for a student <br>   award (Yes / No)?

No

## Would you like to <br> submit a short paper <br> for the Conference <br> Proceedings (Yes / No)?

No

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