

## OPEN SEMINAR SERIES

**Thursday 18 December 2014**  
**12:00 – 13:00**

**L3 Room 7<sup>th</sup> floor, L.Sofou Bldg**

### **“Modelling and verification. A case study from synthetic biology”**

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#### **ABSTRACT**

Formal models are widely utilised in applications ranging from computer science to engineering, biology to economy, and referring to numerous notations and formalisms. They are employed in defining various systems in order to bring rigour to these specifications and for providing tools that help checking fundamental properties of them and prevent errors to appear and spread through these systems. In the last years the emphasise tends to be on models with multiple verification strategies. In this talk we will illustrate one such model with various model checkers attached to it that allow to verify a broad spectrum of properties. This methodology will be used for a synthetic biology case study.

The seminar series is open to all members of *staff* and *students* of CITY and to any *externals* that wish to attend.



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