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OPEN SEMINAR SERIES

Tuesday 17 May 2011
12:00 – 13:00

L. Sofou Conference Room
7th Floor L.Sofou Bldg

"P systems verification and testing"

By
Dr Marian Gheorghe
Department of Computer Science
University of Sheffield

Membrane computing is a new non-standard model of computation. The model is called membrane (or P) system. After a rapid development of some theoretical models in the early 2000, leading to many investigations related to their computational power and complexity issues, it has been soon realised that some specific case studies and relevant applications are required in order to validate these models. Applications in biology, economy, graphics have been devised, models developed and tools produced. In the last couple of years a great interest has been observed around verifying and testing such systems. This talk will show some of the existing methods of formally verifying and comprehensively testing membrane systems.

*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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