Hi everyone,

I've booked a room for the seminar on Fridays at 11:00. Amazingly, they gave us a room in Tànger for the following two weeks. We'll be in 55.230 on the same floor as our offices. This week the speaker is Nardine Osman from IIIA. An abstract follows below.

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Speaker: Nardine Osman  
Title: Model Checking Multiagent Systems  
Abstract: This talk focuses on the formal verification of multiagent systems. Multiagent system verification poses an interesting challenge on traditional verification mechanisms due to the highly dynamic nature of these systems. A multiagent scenario is heavily influenced by the autonomous agents executing that scenario. Hence, we propose an interaction time verification mechanism (that uses model checking) which allows the agents to perform the verification themselves when the conditions for verification are met. The talk uses the verification of trust as the main example. It then illustrates how various properties/concepts may also be verified by the proposed model checker.