Title: Proof-theoretic semantics for dynamic logics  
  
Speaker: Dr. Alessandra Palmigiano (TU Delft)  
  
Abstract: Research in the proof theory of dynamic logics has recently  
gained momentum. However, features which are essential to these logics  
prevent standard proof-theoretic methodologies to apply  
straightforwardly. In this talk, I will discuss the main properties  
proof systems should enjoy in order to serve as suitable environments  
for an inferential theory of meaning (proof-theoretic semantics).  
Then, I'll identify the main challenges to the inferential semantics  
research agenda posed by the very features of dynamic logics which  
make them so appealing and useful to applications. Finally, I'll  
illustrate a methodology generating multi-type display calculi, which  
has been successful on interesting case studies (dynamic epistemic  
logic, propositional dynamic logic, monotone modal logic).  
  
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