



Talk

By

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Wednesday 18 July 2007 13:00-15:00
IMM-DTU Building 322/127

Tableau-based decision procedures for modal logics

The talk consists of two parts. The first part provides introductory examples of tableau systems for classical propositional modal logics like K, KT and S4, and provides a demo of the Tableau Workbench (TWB), which is a generic framework for building automated theorem provers for arbitrary propositional logics (see <http://twb.rsise.anu.edu.au/>).

The second part discusses more advanced topics like propositional linear temporal logic PLTL and hybrid logic.

Rajeev Goré is invited by the HyLoMOL project (see <http://hylomol.ruc.dk/>).

Host: Jørgen Villadsen

