

Informatik-Kolloquium

Rheinisch-Westfälische Technische Hochschule Aachen
Lehr- und Forschungsgebiet
Mathematische Grundlagen der Informatik



EINLADUNG

Zeit: Donnerstag, 12. Mai 2005, 16.30 Uhr

Ort: AH I, Ahornstr.55

Referent: Prof. Dr. Igor Walukiewicz,
CNRS, LaBRI, Université Bordeaux-1

Thema: **Games in verification and synthesis**

Abstract: The goal of this talk is to present an overview of applications of two player path-forming games to verification and synthesis. The standard model in this context is that of finite games with conditions given by regular languages. At the talk we will discuss how this model can be used to formulate and answer verification and synthesis questions. Additionally, several extensions of the standard model will be discussed. One direction is that of considering non-regular winning conditions. The other concerns the ways games are played, in particular probabilistic and multi-player games.

Es laden ein: Die Dozenten der Informatik