Informatik-Kolloquium

Rheinisch-Westfälische Technische Hochschule Aachen
Lehrstuhl Informatik V

RWTH

EINLADUNG

Zeit:	Montag, 16. Juni, 16:00Uhr
Ort:	Hörsaal AH I, Ahornstr. 55
Referent:	Prof. Dr. Hector J. Levesque University of Toronto, Canada
Thema:	Joint ability of groups of agents

Abstract To use other autonomous agents as part of our plans, we need to take into account both their commitment and their abilities relative to our goals. The situation is similar if we wish to use a team of agents as part of a plan. But this is complicated by the fact that a team of truly autonomous agents need not have the same beliefs or goals either initially or over time as the world changes and as new information is acquired. A formalization of a suitable notion of joint commitment by a team was proposed by Cohen and Levesque. Here, we discuss the concept of joint ability, and specifically, the circumstances under which a group of agents together have enough information to jointly achieve a goal.

This Colloquium talk is part of the Distinguished Lecture Series of the Bonn-Aachen International Center for Information Technology (B-IT).

Es laden ein: Die Dozenten der Informatik