

EINLADUNG

Zeit: Montag, 22. Februar 2010, 10.00 Uhr

Ort: Seminarraum 4017, Lehrstuhl Informatik 1,
Ahornstr. 55

Referent: Dipl.-Math. Lars Olbrich

Thema: Aspects of Wardrop Equilibria

Global communication networks like the Internet often lack a central authority that monitors and regulates network traffic. Mostly even cooperation among network users is not possible. Network users may behave selfishly according to their private interest without regard to the overall system performance.

In his seminal paper, Wardrop introduced a game-theoretic model in the 1950s for describing resource sharing problems in the context of road traffic systems. We follow this line of research and study equilibrium situations in Wardrop's traffic model.

We concentrate on the sensitivity of Wardrop equilibria, means to reduce the price of anarchy, and the distributed computation of Wardrop equilibria.

Es laden ein: Die Dozenten der Informatik