

EINLADUNG

Informatik-Sonderkolloquium

VORTRAGENDER: DR. GERD KORTUEM,
LANCASTER UNIVERSITY, COMPUTING DEPARTEMENT,
LANCASTER, UNITED KINGDOM

TERMIN: FREITAG, 23. SEPTEMBER 2005

ORT/ZEIT: HÖRSAAL HS B, 10.45 UHR

RESEARCH ISSUES IN AD HOC NETWORKED SYSTEMS

Abstract:

The recent emergence of ad hoc network technologies has created opportunities for novel computing applications ranging from environmental sensing to human collaboration. However fulfilling the promises of these technologies requires progress in many areas of Computer Science including distributed systems, software engineering and human computer interaction.

In this talk, we discuss fundamental research questions related to the development and use of ad hoc networked systems. In particular, we present novel concepts and solutions for building spatially-aware systems that can sense and analyze spatial relations between devices. These concepts are applied to the areas of intelligent sensor networks and mobile collaboration.