

## EINLADUNG

Zeit: Donnerstag, 15.11.2007, 13.00 Uhr

Ort: Raum 5052, Ahornstr. 55

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Titel:

Security challenges of inter-operating wireless networks and a new approach to public-key-based authentication of roaming mobile devices

Abstract:

A growing number of wireless technologies and providers, as well as user's increasing need and desire to be connected and reachable anytime and anywhere, call for solutions that enable inter-operation between providers and technologies. One example for such solutions are roaming procedures, which enable wireless access in areas that are covered by providers with which the user does not have any prior arrangements.

This talk will provide an overview on security challenges arising from inter-operation between providers and technologies as well as other trends in wireless security. It will summarize my contributions in this area of research and will introduce you to a new approach to public-key-based authentication for roaming mobile devices. The advantages of this approach will be presented and analyzed in the context of related work.

In addition, implementation results of the new approach will be presented in various roaming scenarios.

Es laden ein: Die Dozenten der Informatik