Developing Applications for Role-specific Information Sharing among Different Devices

Offered by Mo and Sebastian
Motivation

- Collaborative decision making scenario:
  - Different people with various roles interacting with different devices
  - Future meeting room and people bring information on their devices
  - Fluent information sharing
    - Between personal devices (tablet or smart Phone) and public displays (tabletop or wall)
Future meeting room
You need to design and develop applications to support information sharing in the future meeting room:

- Support automatic device discovery
- Support gesture to share information
- Support location-aware interaction
- Support fluent transitions of digital object between devices
- Support Java and C#/.NET client

An initial implementation (a semi-framework) exists

Requirements

- Be motivated and willing to work in an awesome research group 😊
- Good Java or C#/.NET programming knowledge