Bachelor thesis “Localizing your smart phone”

Motivation and Informal Description
The student should implement different concepts for (indoor) localization using a mobile phone running Android. The concepts should be evaluated with a small application, e.g. game. The student can realize its own ideas, but of course we have some as well.

Requirements
Any student is welcome to apply for the thesis! Good programming skills are recommended and a basic of wireless communication is an advantage. We have several Nexus One phones available.

Interested? Please contact us for more details!

Contact
• Johannes Schneider: schneider@tik.ee.ethz.ch, ETZ G61.3,
• Roger Wattenhofer: wattenhofer@tik.ee.ethz.ch, ETZ G63