

Semester/Master Thesis

Gateway for IEEE 802.15.4 based Wireless Sensor Network

TinyOS is a widely used operating system for sensor networks supporting a large variety of hardware platforms. The Pixie sensor node was developed at our institute and is based on the ZigBit900 module, and the radio module supports the 802.15.4 WPAN standard.

In this thesis, you are asked to construct a gateway node which bridges the wireless network to the wired LAN.

Required Skills

You should already have some skills in hardware and software development and you should know the C and JAVA programming language.

Are you interested? Please contact us by email or phone.

Advisors

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