

Welcome!

Wireless Sensor Networks

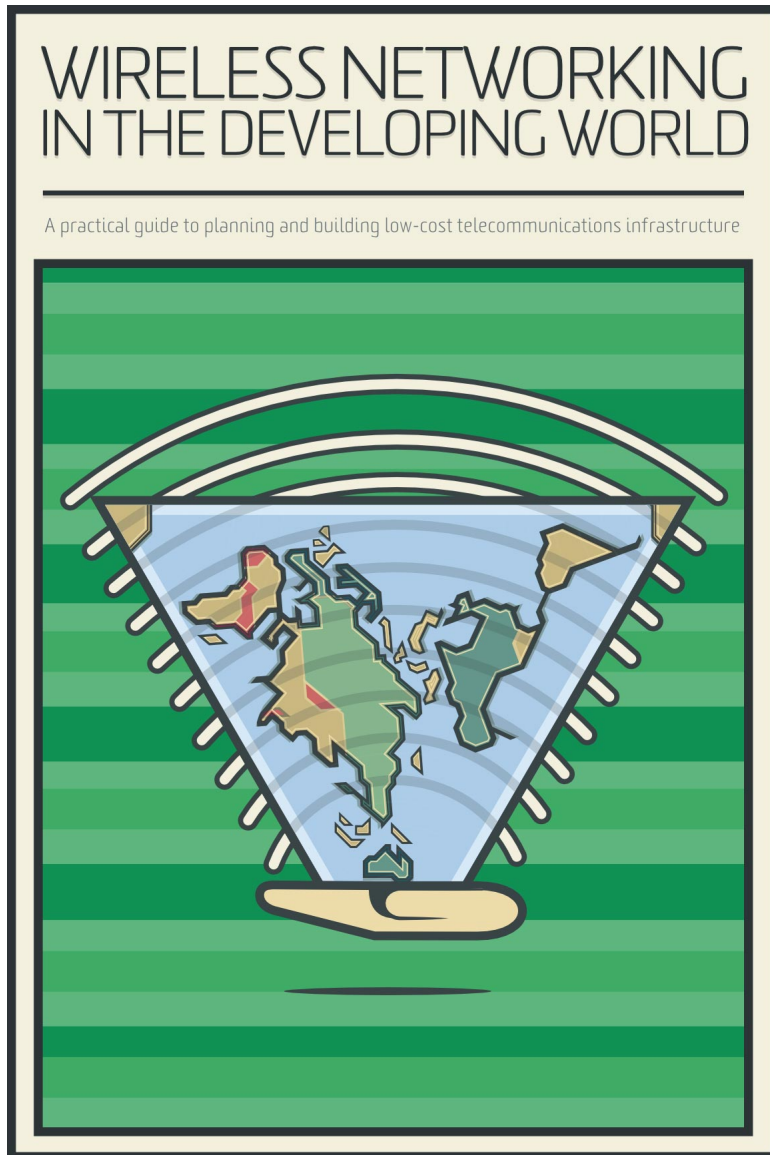
intERLab, AIT, Bangkok
15 – 19 December



Workshop Agenda

- Introduction to WSN architectures
- Building a WSN using the open Arduino platform
- Wireless communication options for WSN
- Middleware to store measurements - using open source tools
- ~~Analyzing existing deployments and learning how to plan a successful one~~
- Plan and do a successful deployment!

Two books



A Practical Guide to the ZigBee Mesh Networking Protocol

Building

Wireless Sensor
Networks



O'REILLY®

Robert Faludi

Who we are

- Jonathan Brewer, NSRC
- Sebastian Büttrich, NSRC
- Marco Zennaro, ICTP
- Apinun Tunpan, intERLab AIT
- Lars Yndal Sørensen, IT University of Copenhagen

... and we would like to learn who **you** are,
and what **your** interests are!

Day plan

- Session 1 08:30 - 10:30
- Break 10:30 - 11:00
- Session 2 11:00 - 13:00
- Lunch 13:00 - 14:00
- Session 3 14:00 - 15:30
- Break 15:30 - 16:00
- Session 4 16:00 - 18:00

Day plan

- Day 1: Introduction and First Steps
with Arduino and Sensors
- Day 2: Network and Data
- Day 3: Planning and deploying a WSN
- Day 4: Deployment
- Day 5: Analysis, Conclusion and Future

Workshop materials & resources

- Agenda & Materials:

<https://nsrc.org/workshops/2014/ictp-ait-nsrc-wsn/wiki/Agenda>

- Etherpad for work notes etc: to be announced

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