

# NCCR-MICS Working Group 2 Sensor and Actuator Platforms

## Platform Meeting – ETH Zurich

Location: Gloriastr. 35, Room ETZ F76.1 – Feb. 23, 2006 – 10:30h

<http://www.ee.ethz.ch/about/bsinformationen> **EN**



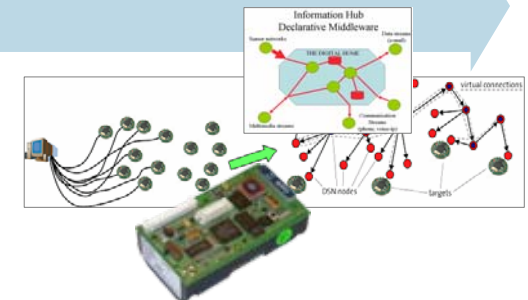
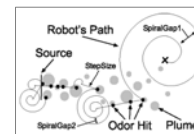
# WG2 Goals

- Sharing the available expertise within MICS
- Knowledge transfer between projects
- Common platforms and tools
- Follow-up of new technological developments

Applications

NCCR-MICS Projects

Platforms



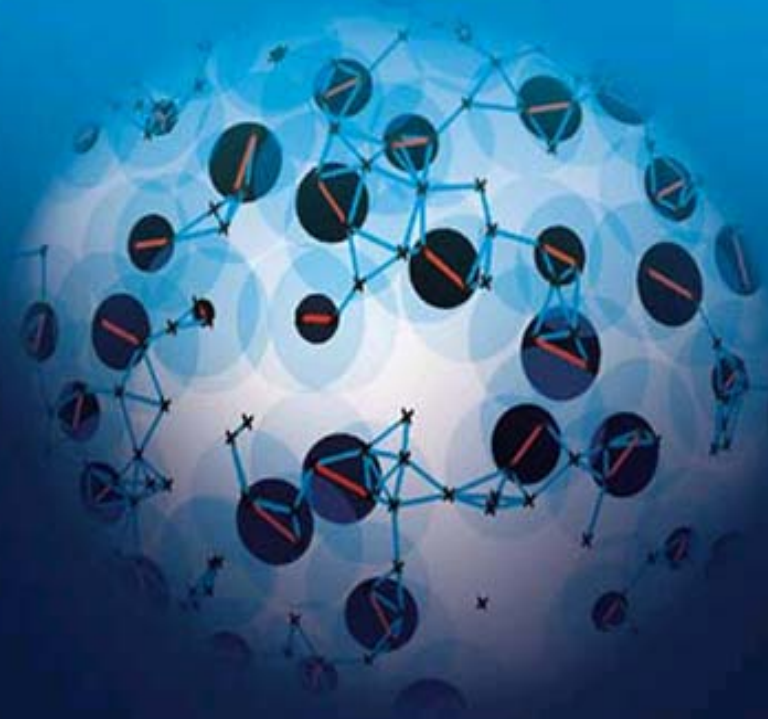
# WG2 Organization

- **Coordinators: Jan Beutel, Matthias Grossglauser**
- **~4 meetings per year to share**
  - Experiences in using hardware/software platforms, sensors
  - New developments within and outside of MICS (technology watch function)
  - Promote interaction with ‘theory’, ‘systems and platforms’
  - One feature technology talk per meeting
- **Mailing list**
- **Data repository, knowledge exchange**
  - Web-based Wiki
  - Platform Database – The Sensor Network Museum

<http://www.btnode.ethz.ch/Projects/NCCR-MICSWG2>

# Today's Schedule

- **Jan Beutel, ETHZ – Introduction**
  
- **15' presentations on platforms and experiences**
  - Roger Meier, Shockfish – The TinyNode Platform for Wireless Sensor Networks
  - Matthias Ringwald, ETHZ – Fast-Prototyping Using the BTnode Platform
  - Matthias Dyer, ETHZ – Deployment-Support Networks
  - Demo – JAWS Deployment-Support
  
  - Ali Salehi, EPFL – Global Sensor Networks Status
  - Jerome Rousselot, CSEM – Using WiseNodes as Low-power Communication Modules
  - Michal Piorkowski, EPFL – Testbed @ WASAL
  - Markus Waelchi, UBern – ScatterWeb Platform
  - Henri Dubois-Ferriere, EPFL – Requirements of Project Support Based on the Experience of Sensorscope
  
- **Proposal for Discussion – Sensor Network Platform Kit**
- **Planning for 2006**



National Competence Center In Research  
Mobile Information and Communication Systems

# **SENSOR NETWORKS: A TOY FOR SCIENTISTS OR A REAL BUSINESS OPPORTUNITY?**

**NCCR MICS INDUSTRY FORUM**

**3<sup>RD</sup> MAY 2006**

**OLYMPIC MUSEUM LAUSANNE**