SUMMARY

"Ambient Intelligence Tutorial Review" Dr. Marketta NIEMELA – VTT Information Technology, Tampere, Finland

- * Definition
- * Background and motivation
- * Visions and scenarios
- * Current technologies and applications
- * Challenges

The presentation aims to answer to such questions as:

What is Ambient Intelligence?

How is it related to Ubiquitous Computing and Pervasive Computing? Why do we have Ambient Intelligence research and development? What is the short history of the concept, and what are we hoping to gain with it?

How is Ambient Intelligence thought to be realised in the future? What is the state of the art of Ambient Intelligence?

Do we already have applications that could be called instances of Ambient Intelligence?

What problems are we going to face and how should they perhaps be solved?