



# Models@runtime in IoT applications

**EJCP 2013**



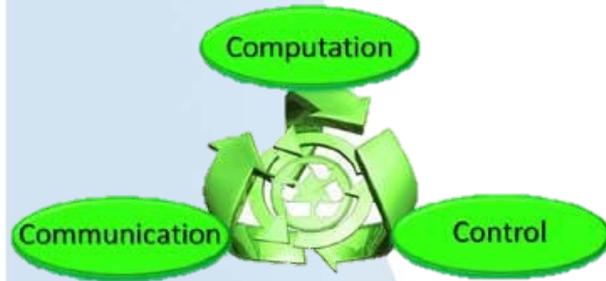
Francisco Acosta – INRIA Rennes

# Career

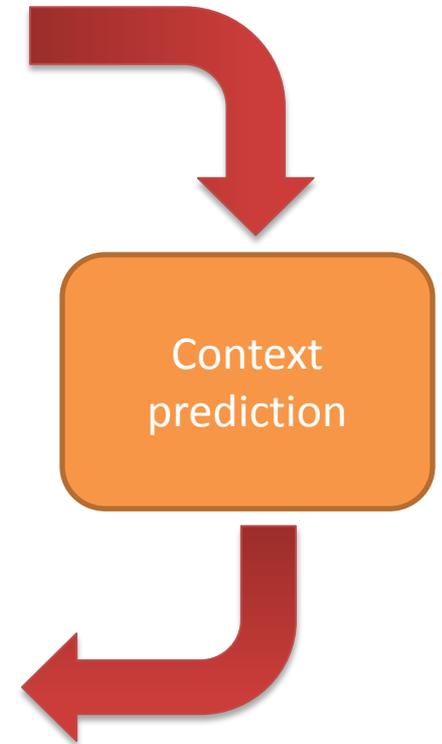
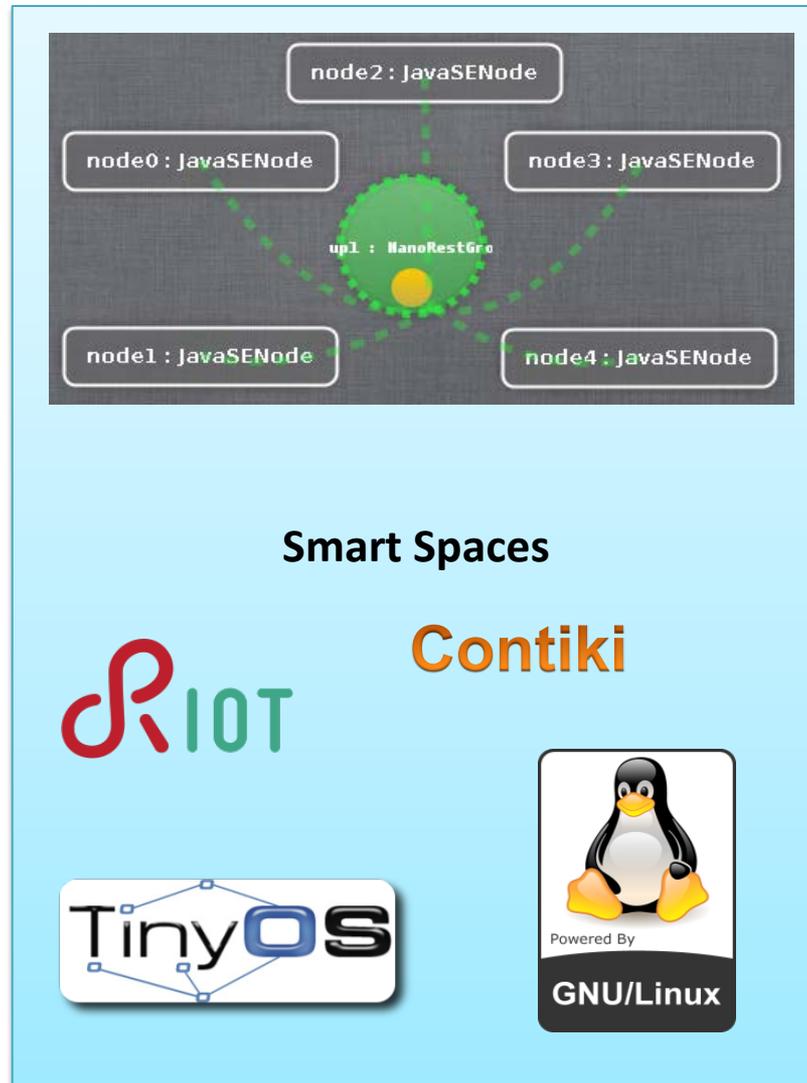
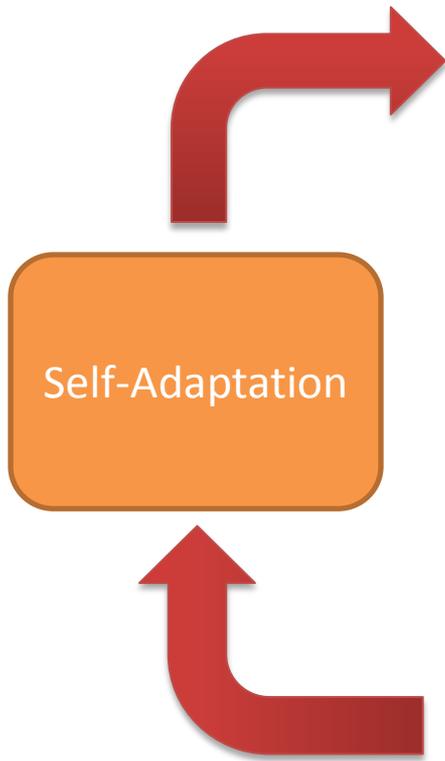
- Electronics engineer specialized in power electronics
- NIIT certification in software development
- Master degree in home and building automation
- PhD between two teams: ACES and TRISKELL at INRIA Rennes

# Topics involved in PhD

- Context awareness in distributed cyber-physical systems
- Reconfiguration approaches to improve this context prediction
- Self-adaptation as a result of context-specific performed actions



# IoT environment



# Problems to deal with

- Context prediction tools are very time consuming at deploying phase
- Customizations are required for every implementation
- Changes at runtime are impossible

