Dr. Hans-Peter Hoidn
Executive Architect
IBM Software Group

University of Zurich

IBM

Enterprise IT Architectures

Role Play

University of Zurich

IBM

YOUR New Job: IT Architect

University of Zurich

IBM

Part 1: Technology Update – Visiting a Vendor's Conference – Hans-Peter Hoidn is your "Technology Advisor"

- **Business Process Management (BPM)**
  - **Modeling processes such that they can be automated**

- **Service Oriented Architecture (SOA)**
  - **Services are providing business functionality to the users**
  - **Connectivity through Middleware**
  - **Enterprise Service Bus (ESB)**

- **And some more Marketing Messages**
  - **Portlets and widgets**
  - **Agile development**

Part 2: Learning the Architecture Methodology – Marcel Schlatter is your "Teacher"

- **What is Architecture**

- **Key aspects of Architect's Work**

- **How to handle Requirements (Qualities and Constraints)**

- **What are the main "Work Products"**

- **Working through a "Case Study"**

University of Zurich

Part 3: Applying the Architecture Methodology – Kai Schwidder is your "Mentor"

- **You will be the Architect for a new solution, which is the problem to be solved in the term paper (Semesterarbeit)**

- **Handling the functional and non-functional requirements**

- **Modeling the solution, investigating boundary conditions and risks**

- **Working out the proposal (team work) and presenting the work to the "customer" (on December 2)**

Part 4: Beyond Solution Architecture – Hans-Peter Hoidn is your "Manager"

- **Enterprise Architecture overseeing multiple solutions – addressing the IT environment of the enterprise**

- **Architecture Management / Governance**
  - **Committees**
  - **Policies, Processes**

University of Zurich

IBM

Questions