

Seminar in Requirements Engineering



**Preliminary Talk
Frühjahrssemester 2011**

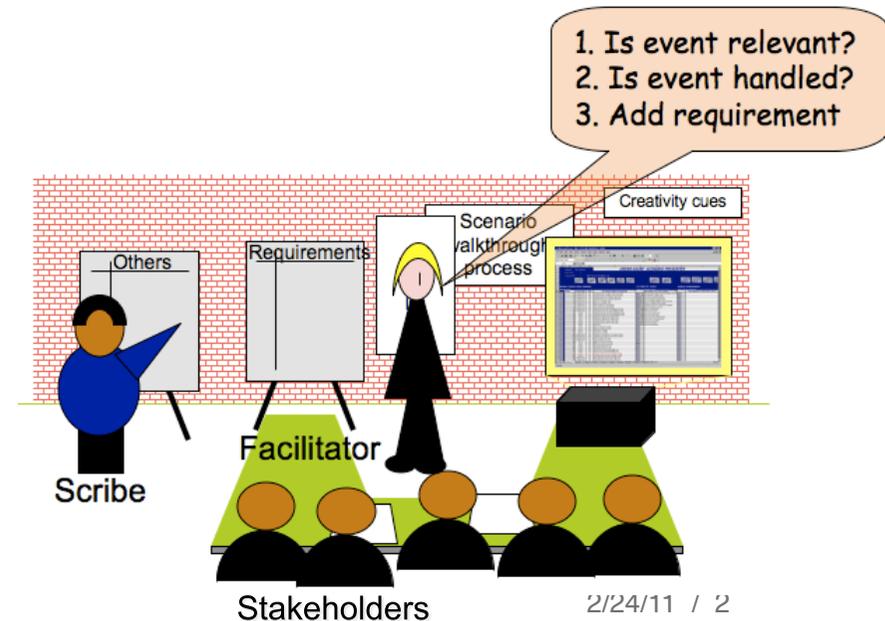
22nd of February 2011

**Prof. Dr. Martin Glinz
Dr. Norbert Seyff
Eya Ben Charrada**

Elicitation in Workshops



- Most existing requirements elicitation methods focus on workshop-type meetings to discover requirements
- E.g. ART-SCENE (City University London)
 - Structured scenarios that guide requirements discovery
 - What-if questions trigger requirements about unexpected and unusual system behaviour
 - Successfully used to capture requirements in real-world projects



Requirements Elicitation Settings

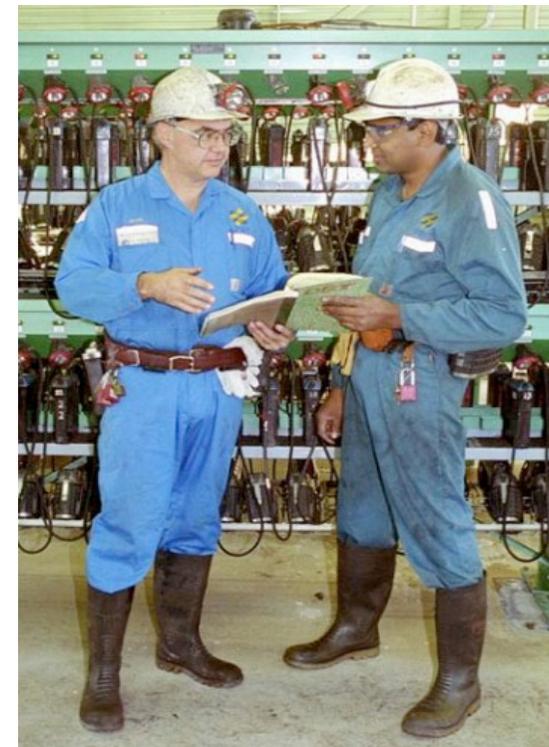


Who documents requirements Where are requirements doc.	Analyst	End-User
Out of work context	Workshop-Based RE Approaches e.g. ART-SCENE	Agile Approaches e.g. XP, Scrum
In the work context	Ethnographically Informed Approaches e.g. Contextual Inquiry	iRequire, Contexter

On-site Elicitation



- “....people have only limited ability to describe what they do and how they do it without immediate access to the social and material aspects of their lives.” (Blomberg et al., 2003)
- Conclusion: Observe and understand future system users in their work context
- Approaches such as Contextual Inquiry
 - Support understanding user needs in specific situations ✓
 - Do not provide tool support ✗
 - Are not well integrated with other RE approaches ✗



Content and Goals



Mobile and Contextualized RE

- How to gather requirements/feedback on-site?
- How to document and communicate needs?
- How to involve the end-user in RE?
- How to provide method/tool support?
- ...

Goals

- “BSc: *einfache* wissenschaftliche Arbeit zu einem Thema des Requirements Engineerings selbständig erstellen und präsentieren können.”
- “MSc: *fortgeschrittene* wissenschaftliche Arbeit zu einem Thema des Requirements Engineerings selbständig erstellen und präsentieren können.”

Organization



Supervision

- Prof. Dr. Martin Glinz (glinz@ifi.uzh.ch)
- Dr. Norbert Seyff (seyff@ifi.uzh.ch)
- Eya Ben Charrada (charrada@ifi.uzh.ch)

3 ECTS Points

Examination Process

- Written Thesis (15 Pages Springer-Format)
- Reviewing (2 Papers)
- Own presentation (20 Minutes)
- Participation presentation day

Grading

- 2/3 Written Thesis, 1/3 Presentation

Appointments



Date	Appointment
22.02 – 16:00	Preliminary Talk
01.03 by appointment	Q&A Seminar Topics, Thesis Structure (by choice)
15.03 by appointment	Review and Discussion of Draft (by choice)
05.04 – 23:59 CET	Thesis Submission Deadline
19.04 – 23:59 CET	Review Submission Deadline
10.05 – 23:59 CET	Camera Ready Submission Deadline
10.05 by appointment	Review and Discussion of Presentation (by choice)
12.05 (morning) 13.05 (8 to 2 o'clock)	„Conference Day“

News can be found on these websites:

BSc: http://www.ifi.uzh.ch/serg/courses/fs11/sem_re_bsc/

MSc: http://www.ifi.uzh.ch/serg/courses/fs11/sem_re_msc/



Topics

TBD	Working Topic 1: Contextual RE – State-of-the-art
TBD	Working Topic 2: Tool Support for the Mobile Analyst
TBD	Working Topic 3: Tool Support for End-Users
TBD	Working Topic 4: “Context”, “Rich Media” in other RE Approaches
TBD	Working Topic 5: RE for Context-aware, Self-adaptive Systems