



## Call for Contribution

### Software & Systems Engineering Essentials 2011 Development Models, Processes and Techniques of Software & Systems Engineering Key Theme: Success through Openness

<http://2011.see-conf.de/>

**Event Dates:** Conference and Tutorials: 9th and 10th May 2011  
**Event Location:** Frankfurt am Main, Holiday Inn Frankfurt City South

#### Conference Description:

The Software and Systems Engineering Essentials is the largest conference dealing with software development models, methodology and tools in the German speaking world. The key theme of SEE 2011 is "Success through Openness".

Projects act interactively with their surroundings – they use external content and software components, co-operate with customers and suppliers and pass on project results externally. So how much should projects and organizations open themselves to the outside world? How should they communicate? What information can you safely share and what knowledge should remain within your firm?

The answers to these questions affect not only the project organisation and processes, but also the deployed methodologies and technologies. It is particularly important to regulate certain aspects on a cross project basis such as the allowable data transfer formats, contents, software components and access rights within the project.

The spectrum of possibilities can be illustrated by the example of Open Source Software (OSS). Most development projects nowadays use open source software components and tools. Some projects go one step further and share their own tool extensions back to the open source community. Some projects even share their complete source code with others.

Amongst some of the advantages to be expected are lower costs, higher quality and flexibility, as well as the support of the respective developer community. Against that there are also risks to be considered like the flow of know-how to competitors as well as the uncertainty of copyright and licence questions and the adequate setup of the development and business processes.

The SEE 2011 through its core theme addresses the advantages that open exchange of information offers for IT Projects and under which conditions openness can become a factor for success.

The conference answers questions like:

- What advantages and disadvantages can companies or governmental agencies expect when they use freely available content and open source software or when they themselves publicly publish their own project results?
- How do development models and methodology regulate the communication between a project and its environment? What guidelines are given for the forwarding of results?
- How can development projects interchange with external projects (in particular Open Source projects)? What must project managers and quality assurance personnel be aware of during development and quality control?
- How can software projects profit from open source processes, techniques and tools or integrate them into the project? What commonality or differences are there in the development, integration and operation of open source software in comparison to proprietary software?

#### Kontakt:

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## Invitation for the submission of suggestions for presentations:

The SEE2011 offers keynotes, three parallel sessions with presentations and tutorials on licensing and legal aspects of openness, on open source software in the public service as well as open development processes in the open source field. Submissions for presentations from industry and research are welcome which deal with the Software and Systems Engineering themes mentioned below. A direct addressing of the principal theme of "Success through openness" is not necessarily required.

Interested contributors are asked to compile and submit an extended abstract of between one and two pages long. Document Templates are available for download on the conference website (<http://2011.see-conf.de>). Presentations can be submitted in either English or German. The accepted presentations will be published after the conference as a complete record of proceedings.

## Topics:

- **Process models, Standards and Guidelines**
  - o Development processes from the Open-Source Field
  - o Use of OSS and open content in own development projects
  - o Agile Software Development Models, i.e. FDD, SCRUM, XP
  - o Rich Content Development Models, i.e. HERMES, RUP, V-Modell@XT
  - o Maturity models and QM Systems, i.e. CMMI®, ISO9001, SPICE
  - o Organisation specific adaptation and tailoring
  - o Monitoring of the compliance, assessment and Quality Management
  - o Introduction, training and coaching of unified processes
  - o Development models, standards and guidelines for open content
  
- **Methodology and Best Practices**
  - o Methodology in the Open-Source field
  - o Project, change and launch Management
  - o Specifications analysis and business concept
  - o Model driven engineering techniques (MDRE, MDA)
  - o Traceability
  - o Test-driven development
  - o Task-oriented approaches
  - o Aspects of team work
  
- **Tools and Platforms for IT-Projects**
  - o Usage and embedding of Open-Source tools
  - o Commercial tools vs. Open-Source tools
  - o Choice of tools, tool environments and platforms
  - o Tool-suites vs. individual tools
  - o Tool integration and penetration
  - o Reporting and document generation
  - o Tool support for development models and methods
  
- **Contract tendering and inter company projects**
  - o Setup of communication paths and rights
  - o Communication between customer and supplier
  - o Open-Source software tendering and acceptance of contracts
  - o Tendering guidelines and standards
  - o Creation and maintenance of requirement documents
  - o Layout and details of contract documents and change management
  - o Peculiarities of projects in the governmental sector
  - o Tendering processes (VOL/A, VOL/B, Beauty contest, etc.)
  - o Projects in manufacturing/ supply chain and virtual companies

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## Important Dates:

**20th October 2010:**  
**15th December 2010:**  
**04th April 2011:**

**Deadline for proposals for presentations**  
**Notification of proposal acceptance**  
**Deadline for submission of publishable final version**

## Programmkomitee:

- Herr Prof. Dr. Urs Andelfinger (Software Engineering Institute Europe / HS Darmstadt)
- Herr Prof. Dr. Gerd Beneken (Fachhochschule Rosenheim)
- Herr Prof. Dr. Stefan Biffi (OCG/Technische Universität Wien)
- Herr Hubert Biskup (IBM Rational Software)
- Herr Nils Cordes
- Frau Prof. Dr. Ruth Breu (Universität Innsbruck)
- Herr Dr. Peter Haumer (IBM Rational)
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