



Web-based Tools for Traditional and Agile Engineering Project Management

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Short description of the lecture:

This short course introduces a systematic approach to analyzing the potential, patterns of use, as well as implementation procedures of web-based project management systems for engineering applications. On-line collaborative tools for engineering design and project execution will be presented along with their utility analysis for distributed teamwork. Tools for cost and benefit analysis as application decision-making aids will be discussed. Student assignments will include the creation of an annotated, systematic catalog of web-based project management applications for use in various engineering disciplines and a comprehensive evaluation of selected on-line tools for their utility, cost, and benefits in specific engineering applications of student's choice. Each assignment will culminate with a student team presentation, both orally using multi-media tools and in writing.

Contents:

1. The history and evolution of on-line technologies
2. Classification of on-line tools for project management
3. Paradigms for engineering project collaborations on-line
4. Traditional vs. agile project management methods and tools
5. Student project presentations

Terminy wykładów			
Data	Dzień tyg.	Godzina	Sala
2015-06-18	Cz	16.15-21.00	ZiE 401
2015-06-19	Pt	16.15-21.00	ZiE 202
2015-06-20	So	9.15-14.00	ZiE110