



## Distinguished Guest Lectures in Software Engineering

Tom Gilb – proponent of the Evolutionary Project Management method and author of seminal book “Competitive Engineering” – will deliver a series of guest lectures hosted by the University of Tartu’s Institute of Computer Science.

The lecture series is composed of two independent modules: one in Tallinn focusing on quality control of technical specifications and one in Tartu focusing on project management. The lecture series is sponsored by Swedbank and the Estonian Ministry of Education and Research. Registration is free. External participants should register by e-mail ([laura.kalda@ut.ee](mailto:laura.kalda@ut.ee)) by 15 April 2010.

### Module 1: Specification Quality Control

**Where:** Room 309, Teatri väljak 3, Tallinn

**When:** 3-4 May 2010, 9:30-14:00

This module will introduce you to the Specification Quality Control (SQC) process, which allows you and your team to:

- measure the current defect density in your technical specification and planning documents
- predict the total defect density and project delays using sampling
- clean-up existing documents for immediate cost-benefits, time-benefits, and results-benefits to your projects
- conduct formal reviews and walkthroughs productively
- considerably reduce defect insertion
- promote a culture of clarity of technical specifications

### Module 2: Evolutionary Project Management

**Where:** Room 122, J Liivi 2, Tartu

**When:** 5-7 May 2010, 8:30-14:00

This course will introduce you to the Evo Project Management method. The course will cover the following topics:

- What is "Evo"?
- Evo policy for planning
- Planning based on impact estimation tables
- Feedback and learning and estimating impact table control
- Other types of plans: ladder and step formats
- Principles of design decomposition and practical cases
- Combining several design ideas and functions into a single step
- How to specify a step elegantly and briefly
- Concurrent step management
- Setting up a management policy
- Case studies of Evo usage