QUATIC’2010 Thematic Track
ICT Process Improvement and Assessment

(www.fe.up.pt/quatic2010/process_improvement_assessment)

Call for papers
Several authors have claimed that most problems in ICT development and maintenance are due to the development process, rather than to technological obstacles. ICT organizations have to cope with rapidly changing requirements to remain competitive. Having a mature, capable process is an important step towards embracing such changes as opportunities to continuously improve the organization’s software process, and, as such, its competitiveness. Software Process Improvement (SPI) requires an effective assessment of the software process, leading to the identification of improvement challenges and opportunities.

We seek contributions to a better understanding of how process improvement and assessment can help ICT organizations. Suggested topics of interest include, but are not restricted to:

- Methods, models and tools for process assessment and improvement
- Integrating SPI in process models (e.g. SPEM)
- Maturity models, and their adoption
- Process improvement and assessment in small to medium companies
- Agile approaches to process improvement and assessment
- Leveraging business goals through process improvement and assessment
- Process improvement and assessment in the “trenches” (aka case studies)
- Benchmarking alternatives to process improvement and assessment
- Empirical studies concerning process improvement and assessment

Paper submission
Authors should submit to http://www.easychair.org/conferences/?conf=quatic2010 a PDF version of their paper. Papers must be in IEEE format and not exceed 6 pages, including figures, references, and appendices. Submissions must be original and will be reviewed by the Track Program Committee. Accepted papers will be published in the electronic IEEE proceedings of QUATIC’2010, subject to one of the authors registering for the conference. The authors of the 3 best papers of this thematic track will be invited to submit extended versions to the main track of the conference. More info on the QUATIC’2010 selection process and its tracks can be found at www.fe.up.pt/quatic2010.

Important dates
Abstract submission: 1 April 2010 Authors’ notification: 5 May 2010

Track Committee
Chair: Karol Frühauf (INFOGEM)
Local Co-Organizing Chair: André Ferreira (Univ. Minho)