## Monday, August 25, 2014 (Full-day)

# TUTORIAL ANNOUNCEMENT

### 22nd IEEE International Requirements Engineering Conference (RE'14) – Karlskrona, Sweden – http://www.re14.org

**Bogdan Bereza**

## T04 – Requirements on a shoestring: how to cope in industry projects with poor requirements engineering awareness

Studying the history of IT industry breakthroughs since 1950-s, you do not find the term "requirements engineering" much. Yet, for all practical purposes, it was exactly brilliant handling of the requirements that characterized all its success stories.

At RE'14 we hear about great advances and superb accomplishments in requirements engineering, but in IT industry, the situation is regularly much worse. To improve processes and projects fast, you do not have time to revamp them radically, introducing full-scale requirements engineering, but you have to go through channels already available, where requirements engineering can be introduced, though under the guise if other names and procedures. This tutorial will help the Participants to learn how to do this, through the following gateways:

- Project management practices: PMI (PMBOK), IPMA and PRINCE 2 allow much RE improvement.
- Agile: the agile framework is very requirements-centred, albeit using exotic terminology.
- Programming and design: RE improvement through DDD, BDD and FDD.
- Business analysis - if its scope is sufficiently broadened, it may be an effective gateway for comprehensive RE practices.
- Test analysis and design are excellent ways of filling in where insufficient RE has left off. We will look at agile ATDD and TDD from this perspective.
- Exploratory testing: this exceedingly popular ideology provides ample room for performing some good, though late, requirements elicitation and analysis.
- Market research: in many respects, it essentially is the same as requirements elicitation.

**Biography:** This tutorial is given by Bogdan Bereza, quality consultant and teacher. He has worked and given training in Sweden, Germany, Poland, Czech Republic, Luxembourg, Spain and in other countries for companies such as Ericsson, Ellemtel, Adtranz, Enea, Scandia, Infeurope, Tieto, Mercury, Nohau, and many other. Bogdan is known for his pragmatic yet creative approach to complex quality issues and for his ability to cross-connect between areas such as programming, design, requirements engineering, testing, and project management. Over the years, he has successfully bridged knowledge gaps between technology and psychology (he studied both, at universities in Lund, London and in Warsaw), as well as between iterative (including agile) and sequential approaches. Bogdan is known as enthusiastic and highly efficient teacher: he was involved in creating SAST, ISTQB, SSTB, SJSI and other organizations. Currently, Bogdan is an IREB Supporter as well as the founder and vice-president of PARE (Polish Association for Requirements Engineering). He is the founder and owner of Victo.