Welcome from the TAIC PART 2012 Chairs

The ‘Testing: Academic and Industrial Conference - Practice and Research Techniques’ 2012 (TAIC PART 2012) saw an overall increase of the contributions submitted compared to previous years with a total of 19 submissions in 2012. Reviewers and chairs had a very demanding task to select and compile a one-day program from a variety of well-written contributions from Australia, France, Germany, India, Poland, Sweden and USA. Finally, nine papers were included in the proceedings thus constituting an acceptance rate of 47%. For full papers the acceptance rate was 41%. In coming years we will work to have an even larger number of submissions, which has been on the rise since it dropped when TAIC PART moved under the umbrella of the ICST conference. The chairs are confident that this was the right move though, since ICST and TAIC PART were previously competing for the same type of contributions.

The clarified purpose of TAIC PART is "to bring industrial problems to academics in a way that they could see the research challenge and to bring academic work to industry in a way that they could see the practical application". To keep to this spirit, academic research papers were judged by their ability to demonstrate to practitioners a concrete application of the theoretical methods. Industrial experience reports along with case studies were judged based on the identification and plausible description of future research challenges in the area of testing. Another important aspect was to show possible ways of collaboration between industry and academia. Some of the selected papers exclusively focus on this aspect. A final category of accepted papers was fast abstracts containing ideas able to generate fruitful discussions between academic researchers and practitioners.

The program committee was a highly competent international team made of both industrialists and researchers from Austria, Germany, Hungary, Norway, Serbia, Sweden, UK and USA. They provided three in-depth reviews per each submitted contribution based upon which the chairs were able to identify three areas to be discussed during the workshop. The first of them, "Experiences", comprised contributions reporting their experiences on the academia-industry collaborations, showing application of scientific methods in an industrial setting or identifying emerging research problems. Second area was mainly concerned with the test of distributed systems such as mobile communication systems, evolving protocols and timing aspects of the former. Lastly, such important aspects of practical software testing as automated test case generation, source code analysis as well as regression test were rounded up in the final workshop session.

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