OpenCert 2011
5th International Workshop on Foundations and Techniques for
Open Source Software Certification
Montevideo, Uruguay, 15 November 2011 — Satellite of SEFM 2011

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Call for Participation
The aim of this workshop is to bring together researchers from academia and industry who are broadly interested in the quality assessment of open source software projects, ultimately leading to the establishment of coherent certification processes, at different levels. Following the success of the four previous editions (collocated to ETAPS’07, in Braga, OSS’08, at IFIP WCC, in Milan, ETAPS’09 in York and SEFM 2010 in Pisa, respectively), the workshop will focus on formal methods and model-based techniques that appear promising to facilitate OSS certification. Foundational, methodological and pragmatic issues will be addressed, through both standard technical communications and reports on concrete case-studies and experimental data.

Programme
09.15 Opening Session
09.30 Invited Talk - Learning and activity patterns in OSS communities and their Impact on Software Quality (by Antonio Cerone)
10.30 Coffee-break
11.00 Session 1 (chair: Antonio Cerone)
11.00 Process scenarios in Open Source Software certification
by Fabrizio Fabbrini, Mario Fusani and Eda Marchetti
11.30 The role of best practices in assessing software quality
by Miguel Rejedor, Daniela da Cruz and Pedro Henriques
12.15 Lunch
14.00 Invited Talk - A formal specification of the DNSSEC model
(by Ezequiel Bazan Eixarch and Carlos Luna)
15.00 Session 2 (chair: Luis Barbosa)
15.00 Quality, success, communication and contribution in OSS
by Sara Fernandes
15.30 Analysis of collaboration effectiveness and individuals’ contribution in FLOSS communities
by Antonio Cerone, Simon Fong and Siraj A. Shaikh
16.00 Coffee-break
16.30 Session 3 (chair: Siraj Shaikh)
16.30 Formal verification of a theory of packages
by Jaap Boender
17.00 Using antipatterns to improve the quality of Free/Libre/Open Source Software development
by Dimitrios Settas and Antonio Cerone
20.00 SEFM Welcome Reception

URL
opencert.iist.unu.edu/