7 rue d'antin
59800 Lille
FRANCE
✆ *0674818025*
✉ *benjamin.danglot@inria.fr*
⌂ *https://danglotb.github.io/*

Benjamin Danglot

Education

2016–Present	**PhD candidate**, *Université Lille 1*, Villeneuve d'Ascq, Spirals team, INRIA. Software Testing Amplification
2014–2016	**Master**, *Université Lille 1*, Villeneuve d'Ascq. Complex model, algorithm and data

Experiences

Sep2016–Nov2016	**Research Engineer**, *INRIA*, Spirals. Development of Nopol and its plugin in IDEA.
Mar2016–Aug2016	**Internship**, *INRIA*, Spirals. Exploring the Perturbability of Software.

Teaching

Jan2018–May2018	**Vocational**, *Université Lille 1*, M1. Building Distributed application
Sept2017–Dec2017	**Vocational**, *Université Lille 1*, L3. Oriented object conception
Oct2015–Mar2016	**Vocational**, *Université Lille 1*, IUT 'A'. Support in IT and usage of new technologies for students in 1rst and 2nd year.

Misc.

Sept2017–Present	**President**, *Université Lille 1*, ADSL. Organization of social events, promote the PhD.
Feb2017–Sept2017	**Active Member**, *Université Lille 1*, TILDA. Organization of conferences for Phd students.

IT Skills

Languages	Java, Scala, C/C++, Erlang
Web	HTML5, CSS, Javascript
Scripts	Shell, Python, Language R
Tools	Travis, Jenkins, Git, SQL, LaTeX
Methods	Agile, Pull-request based development, Open-source, Continuous integration, Grid5000

Publications

Benjamin Danglot, Philippe Preux, Benoit Baudry, and Martin Monperrus. Correctness attraction: a study of stability of software behavior under runtime perturbation. *Empirical Software Engineering*, 23(4):2086–2119, Aug 2018.

Benjamin Danglot, Oscar Vera-Perez, Zhongxing Yu, Martin Monperrus, and Benoit Baudry. The emerging field of test amplification: A survey. *CoRR*, abs/1705.10692, 2017.

Benjamin Danglot, Oscar Luis Vera-Pérez, Benoit Baudry, and Martin Monperrus. Automatic test improvement with dspot: a study with ten mature open-source projects. *CoRR*, abs/1811.08330, 2018.

Oscar Luis Vera-Pérez, Benjamin Danglot, Martin Monperrus, and Benoit Baudry. A comprehensive study of pseudo-tested methods. *Empirical Software Engineering*, Sep 2018.

Zhongxing Yu, Matias Martinez, Benjamin Danglot, Thomas Durieux, and Martin Monperrus. Alleviating patch overfitting with automatic test generation: a study of feasibility and effectiveness for the nopol repair system. *Empirical Software Engineering*, May 2018.