

Dario Di Nucci – February 2019
Short CV – Including Summary of Publications

Personal Data

Home address: Louis Hapstraat 198, 1040 Brussels, Belgium, +32 486 13 99 51

Office address: Pleinlaan 2, 1050 Brussel, Belgium

Email: dario.di.nucci@vub.be

Website: <http://dardin88.github.io>

Languages: Italian (native), English (High B2)

Miscellaneous: Sex: Male, Nationality: Italian, Age: 30, born on 03/09/1988 in Isernia (Italy)

Short Biography

Dario Di Nucci is a research fellow at the Software Languages Lab of the Vrije Universiteit Brussel in Belgium. He received a PhD in Management and Information Technology from the University of Salerno in 2018 advised by Prof. Andrea De Lucia with a thesis entitled "Methods and Tools for Focusing and Prioritizing the Testing Effort". His research interests are within Software Engineering and include software maintenance and evolution, software testing, search based software engineering, green mining, mining software repositories, and empirical software engineering.

Degrees

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|--------------------------|---|
| 2014/12 – 2018/03 | DOCTOR OF PHILOSOPHY (PH.D.) IN MANAGEMENT & INFORMATION TECHNOLOGY
University of Salerno, Italy
Fully funded by University of Salerno
Dissertation titled "Methods and Tools for Focusing and Prioritizing the Testing Effort" promoted by professor Andrea De Lucia |
| 2011/10 – 2014/09 | MASTER'S DEGREE (M.Sc.) IN COMPUTER SCIENCE
University of Salerno, Italy
110/110 cum laude
Dissertation titled "A defect prediction model based on relationships between developers and modified files" promoted by professor Andrea De Lucia |
| 2007/10 – 2011/05 | BACHELOR'S DEGREE (B.Sc.) IN COMPUTER SCIENCE
University of Molise, Italy
110/110 cum laude
Dissertation titled "Applications of mathematical models to semantic research" promoted by professor Giovanni Capobianco |

Employment History

Full Employment History

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|-------------------------|---|
| 01-2019 - ACTUAL | POST-DOCTORAL RESEARCHER
Vrije Universiteit Brussel, Belgium
FWO EOS project "SECO-ASSIST: Automated Assistance for Developing Software in Ecosystems of the Future" (https://secoassist.github.io/) |
| 12-2019 – ACTUAL | POST-DOCTORAL LECTURER
Vrije Universiteit Brussel, Belgium
<i>Capita Selecta of Software Engineering</i>
(elective course in first year Master's in Computer Science) |

01/2018 – 12/2018	POST-DOCTORAL RESEARCHER Vrije Universiteit Brussel, Belgium Innoviris TeampUP project “INTIMALS INTeelligent Modernisation Assistance for Legacy Software” (http://soft.vub.ac.be/intimals/)
2014/12 – 2018/03	PH.D. STUDENT IN MANAGEMENT & INFORMATION TECHNOLOGY University of Salerno, Italy Fully funded by University of Salerno. Advisor: Prof. Andrea De Lucia
04/2014 – 09/2014	SOFTWARE DEVELOPER Gnome and GraphHopper Google Summer of Code 2014
09/2011 – 01/2012	SOFTWARE DEVELOPER CercAziende.it, Venafro, Italy Development of a search engine for indexing and searching data on SQL databases
11/2005 – 12/2005	CUSTOMER SERVICE REPRESENTATIVE / TECHNICAL SUPPORT eliquidMEDIA International Inc., Windsor, ON, Canada Web development and customer relationship handling

International Experience

2017/03 – 2017/05	VISITING STUDENT Delft University of Technology, The Netherlands Supervision: Prof. Andy Zaidman
2016/05 – 2016/07	VISITING STUDENT Delft University of Technology, The Netherlands Supervision: Prof. Andy Zaidman
2013/03	ERASMUS IP HUMAN-MACHINE INTERACTION Reims, France

Teaching

CAPITA SELECTA OF SOFTWARE ENGINEERING

Vrije Universiteit Brussel, Belgium
(elective course in first year Master's in Computer Science)
Co-holder of the course (holder: Prof. Coen De Roover)
2018-2019

SOFTWARE ENGINEERING, MANAGEMENT AND EVOLUTION

University of Salerno, Italy
(mandatory course in first year Master's in Computer Science)
Teaching assistant (holder: Prof. Andrea De Lucia)
2015-2016, 2016-2017

PROGRAMMING I

University of Salerno, Italy
(mandatory course in first year Bachelor's in Computer Science)
Teaching assistant
2016-2017 (holder: Prof. Riccardo Di Stasi)
2015-2016 (holder: Prof. Enrico Fischetti)

SOFTWARE ENGINEERING

University of Salerno, Italy
(mandatory course in third year Bachelor's in Computer Science)
Teaching assistant (holder: Prof. Andrea De Lucia)
2016-2017, 2015-2016

WEB DEVELOPMENT

University of Salerno, Italy
 (mandatory course in third year Bachelor's in Computer Science)
 Teaching assistant
 2016-2017

SOFTWARE ENGINEERING: MAINTENANCE AND TESTING

University of Salerno, Italy
 (mandatory course in first year Master's in Computer Science)
 Teaching assistant (holder: Prof. Andrea De Lucia)
 2015-2016

Publication Summary (since 2015)

Journal Articles: 4, Conference Papers: 8 (main track), 5 (tool demonstrations track), Workshop Papers: 4
 Citations: 161, h-index: 9, <https://scholar.google.it/citations?user=YJqcbnIAAAAJ&hl=it>

Awards

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| 2017 | NSF TRAVEL SUPPORT
Symposium on Search-Based Software Engineering (SSBSE), Raleigh, NC, United States |
| 2015 | ACM SIGSOFT STUDENT TRAVEL GRANT
37 th ACM/IEEE International Conference on Software Engineering (ICSE), Florence, Italy |

Recent Scientific Service

Organization of Summer Schools

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| 2019 | COMMITTEE MEMBER
14th International Summer School on Software Engineering, University of Salerno, Italy |
| 2017 | SCIENTIFIC SECRETARIAT
13th International Summer School on Software Engineering, University of Salerno, Italy |
| 2016 | SCIENTIFIC SECRETARIAT
12th International Summer School on Software Engineering, University of Salerno, Italy |

Program Committee Member of International Conferences

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| 2019 | 27th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE) – Artefact Evaluation Track

6 th IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) – Student Research Competition

5 th International Conference on Advances and Trends in Software Engineering (SOFTENG) |
| 2018 | 34 th IEEE International Conference on Software Maintenance and Evolution (ICSME) - Tool Demo Track

5 th IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) – Student Research Competition

10 th International Conference on Advances in System Testing and Validation Lifecycle (VALID) |
| 2017 | 9 th International Conference on Advances in System Testing and Validation Lifecycle (VALID) |

Program Committee Member of International Workshops

2019	3 rd Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTesQuE)
2018	1 st International Workshop on Cloud-Native Applications Design and Experience (CNAX) 2 nd Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTesQuE)

Editorial Board Member of International Journals

2019 - ACTUAL	IEEE Software Blog
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Reviewer

INTERNATIONAL JOURNALS	Advances in Software Engineering - Elsevier Arabian Journal for Science and Engineering – Springer Computational Intelligence - Wiley Empirical Software Engineering - Springer IEEE Access – IEEE IET Software - Institution of Engineering and Technology Information Processing Letters - Elsevier Journal of King Saud University, Computer and Information Sciences - Elsevier Journal of Software: Evolution and Process – Wiley Journal of Systems and Software – Elsevier Science of Computer Programming - Elsevier Scientific Programming - Hidawi Software Quality Journal – Springer Transactions on Knowledge and Data Engineering - IEEE
INTERNATIONAL CONFERENCES	IEEE International Conference on Software Analysis, Evolution, and Reengineering: 2017, 2018 IEEE International Conference on Program Comprehension: 2016, 2019 IEEE International Conference on Software Maintenance and Evolution: 2016 (ERA Track), 2018 International Conference on Business Information Systems: 2015, 2016 International Conference on Distributed Multimedia Systems: 2015, 2016 International Conference on Enterprise Information Systems: 2015, 2016, 2017 International Conference on Mining Software Repositories: 2019