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

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

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
Capita Selecta of Software Engineering
(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 INTelligent 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

2017   **NSF TRAVEL SUPPORT**
Symposium on Search-Based Software Engineering (SSBSE), Raleigh, NC, United States

2015   **ACM SIGSOFT STUDENT TRAVEL GRANT**
37th ACM/IEEE International Conference on Software Engineering (ICSE), Florence, Italy

Recent Scientific Service

Organization of Summer Schools

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

2019   6th IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) –
Student Research Competition

5th International Conference on Advances and Trends in Software Engineering (SOFTENG)

2018   34th IEEE International Conference on Software Maintenance and Evolution (ICSME) - Tool Demo Track

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

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

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

Program Committee Member of International Workshops

2019   3rd Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTeSQuE)

2018   1st International Workshop on Cloud-Native Applications Design and Experience (CNAX)

              2nd Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTeSQuE)

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
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