### Dario Di Nucci – August 2019

### Curriculum Vitae - Including Summary of Publications

Dario Di Nucci, Male, Italian Address: Louis Hapstraat 198, 1040 Brussels, Belgium

**DATE OF BIRTH:** 3<sup>rd</sup> September, 1988 **PLACE OF BIRTH:** Isernia, Italy

PLACE OF BIRTH: Isernia, Italy

E-MAIL: dario.di.nucci@vub.be

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

WEBSITE: http://dardin88.github.io

Dario Di Nucci is a research fellow at the Software Languages Lab of the Vrije Universiteit Brussel with Prof. Coen De Roover. 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 is on empirical software engineering, in particular software maintenance and evolution and software testing. To this aim, he applies several techniques such as machine learning, search-based algorithms, and static analysis of source code.

### **EDUCATION**

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" advised by prof.

PHONE: +32 486 13 99 51

Andrea De Lucia

2017/06 13TH INTERNATIONAL SUMMER SCHOOL ON SOFTWARE ENGINEERING (ISSSE)

University of Salerno, Italy

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

2016/06 12<sup>TH</sup> INTERNATIONAL SUMMER SCHOOL ON SOFTWARE ENGINEERING (ISSSE)

University of Salerno, Italy

2015/09 International Summer School on Software Engineering (SE School@unibz 2015)

Free University of Bolzano, Italy

2013/03 ERASMUS IP HUMAN-MACHINE INTERACTION

Reims, France

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**

2018/12 – 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 - 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/

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

2014/04 –2014/09 SOFTWARE DEVELOPER

Gnome and GraphHopper Google Summer of Code 2014

2011/09 - 2012/01 SOFTWARE DEVELOPER

CercAziende.it, Venafro, Italy

Development of a search engine to index and search data on SQL databases

### **TEACHING**

CAPITA SELECTA OF SOFTWARE ENGINEERING (elective course in first year Master's in Computer Science)

Vrije Universiteit Brussel, Belgium

Co-holder of the course (holder: Prof. Coen De Roover)

2018-2019

SOFTWARE ENGINEERING, MANAGEMENT AND EVOLUTION (mandatory course in first year Master's in Computer Science)

University of Salerno, Italy

Teaching assistant (holder: Prof. Andrea De Lucia)

2016-2017, 2015-2016

PROGRAMMING I (mandatory course in first year Bachelor's in Computer Science)

University of Salerno, Italy

Teaching assistant

2016-2017 (holder: Prof. Riccardo Di Stasi) 2015-2016 (holder: Prof. Enrico Fischetti)

SOFTWARE ENGINEERING (mandatory course in third year Bachelor's in Computer Science)

University of Salerno, Italy

Teaching assistant (holder: Prof. Andrea De Lucia)

2016-2017, 2015-2016

WEB DEVELOPMENT (mandatory course in third year Bachelor's in Computer Science)

University of Salerno, Italy Teaching assistant

2016-2017

SOFTWARE ENGINEERING: MAINTENANCE AND TESTING (mandatory course in first year Master's in Computer Science)

University of Salerno, Italy

Teaching assistant (holder: Prof. Andrea De Lucia)

2015-2016

### SUPERVISION OF PHD THESES - ON GOING, ADVISED:

[PT3] LIBRARY USAGE OPTIMIZATION VIA STATIC AND DYNAMIC ANALYSIS OF SOURCE CODE

Camilo Ernesto Velázquez Rodríguez (Promotor: Prof. Coen De Roover)

Projected: end of 2022

[PT2] MINING CHANGE HISTORIES FOR LIBRARY MIGRATION PATTERNS

Yunior Pacheco Correa (Promotor: Prof. Coen De Roover)

Projected: end of 2021

[PT1] Assessing Test Quality and Resilience of Distributed Applications

Jonas De Bleser (Promotor: Prof. Coen De Roover)

Projected: end of 2020

#### SUPERVISION OF MASTER'S THESES - GRADUATED, ADVISED:

2016 [MT5] CHECKAPP: A TOOL FOR MONITORING JAVA APPLICATION PERFORMANCE

Student: Elisa D'Eugenio - M.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

[MT4] PETRA: A POWER ESTIMATION TOOL FOR ANDROID APPLICATIONS

Student: Antonio Prota - M.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

#### 2015

[MT3] DEVELOPMENT AND COMPARISON OF NOVEL TECHNIQUES FOR SEARCH BASED TEST DATA GENERATION

Student: Giovanni Grano - M.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

[MT2] DESIGN AND DEVELOPMENT OF A TOOL FOR THE AUTOMATIC GENERATION OF TEST CASES

Student: Simone Scalabrino - M.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

[MT1] A COMBINED MODEL FOR THE PREDICTION OF DEFECTS

Student: Giuseppe De Rosa - M.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

### SUPERVISION OF BACHELOR THESES - GRADUATED, CO-ADVISED:

#### 2017

[BT9] DESIGN AND DEVELOPMENT OF METHODS FOR TEST CASE MINIMIZATION

Student: Francesco De Feo - B.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

[BT8] DESIGN AND DEVELOPMENT OF METHODS FOR TEST CASE PRIORITIZATION

Student: Giuseppe Sessa – B.Sc. in Computer Science – Promotor: Prof. Andrea De Lucia

[BT7] DESIGN AND DEVELOPMENT OF A PLUGIN FOR OPTIMIZING REGRESSION TESTING

Student: Gerardo Della Monica – B.Sc. in Computer Science – Promotor: Prof. Andrea De Lucia

[BT6] DESIGN AND DEVELOPMENT OF A PLUGIN FOR THE DETECTION OF ENERGY DEFECTS OF MOBILE APPLICATIONS

Student: Sara Zaino - B.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

[BT5] DESIGN AND DEVELOPMENT OF A DEFECT PREDICTION TOOL

Student: Giuseppina Tufano – B.Sc. in Computer Science – Promotor: Prof. Andrea De Lucia

[BT4] DEVELOPMENT OF A SOFTWARE ENERGY ESTIMATION METHODOLOGY IN AN INTEGRATED DEVELOPMENT ENVIRONMENT

Student: Roberto Contaldo – B.Sc. in Computer Science – Promotor: Prof. Andrea De Lucia

[BT3] DESIGN AND DEVELOPMENT OF A DEFECT PREDICTION TOOL BY USING CROSS-PROJECT TECHNIQUES

Student: Pasquale Martiniello - B.Sc. in Computer Science - Advisor: Prof. Andrea De Lucia

2016

[BT2] TRIO: A TOOL FOR REGRESSION TESTING OPTIMIZATION

Student: Antonio Luca D'Avanzo – B.Sc. in Computer Science – Promotor: Prof. Andrea De Lucia

[BT1] DESIGN AND DEVELOPMENT OF A DEFECT PREDICTION TOOL

Student: Fabiano Pecorelli - B.Sc. in Computer Science - Promotor: Prof. Andrea De Lucia

### **ACADEMIC RECORD**

Journal Articles: 6, Conference Papers: 11 (main track), 6 (tool demonstration track), Workshop Papers: 7 Citations: 241, h-index: 10, https://scholar.google.it/citations?user=YJqcbnIAAAAJ&hl=it

### 1. JOURNAL PAPERS

[J6] G. Grano, F. Palomba, D. Di Nucci, A. De Lucia, H. Gall Scented Since the Beginning: On the Diffuseness of Test Smells in Automatically Generated Test Code Elsevier Journal of Systems and Software (JSS), 2019, to appear.

[J5] P. Salza, F. Palomba, D. Di Nucci, A. De Lucia, F. Ferrucci Third-Party Libraries in Mobile Apps When, How, and Why Developers Update Them Springer Empirical Software Engineering (EMSE), 2019, to appear.

[J4] D. Di Nucci, A. Panichella, A. Zaidman, A. De Lucia A Test Case Prioritization Genetic Algorithm guided by the Hypervolume Indicator IEEE Transactions on Software Engineering (TSE), 2019, to appear.

[J3] F. Palomba, D. Di Nucci, A. Panichella, A. Zaidman, A. De Lucia On the Impact of Code Smells on the Energy Consumption of Mobile Applications Elsevier Information and Software Technology (INFSOFT), 2019, Volume 105, 13 pages, 43 - 55.

[J2] D. Di Nucci, F. Palomba, G. De Rosa, G. Bavota, R. Oliveto, A. De Lucia
 A Developer Centered Bug Prediction Model
 IEEE Transactions on Software Engineering (TSE), 2018, Volume 44 Issue 1, 21 pages, 5 - 24.

[J1] D. Di Nucci, F. Palomba, R. Oliveto, A. De Lucia Dynamic Selection of Classifiers in Bug Prediction: an Adaptive Method IEEE Transactions on Emerging Topics in Computational Intelligence (TETCI), 2017, Volume 1 Issue 3, 11 pages, 202 - 212.

### 2. CONFERENCE PAPERS, MAIN TRACK (I.E., FORMALLY PUBLISHED IN INTERNATIONAL CONFERENCE PROCEEDINGS WITH PEER REVIEW)

[C12] H. Son Pham, S. Nijssen, K. Mens, D. Di Nucci, T. Molderez, C. De Roover, J. Fabry, V. Zaytsev. Mining Patterns in Source Code using Tree Mining Algorithms.

In Proceedings of the 22nd International Conference on Discovery Science (DS), Split, Croatia, 2019.

[C11] F. Pecorelli, F. Palomba, D. Di Nucci, A. De Lucia Comparing Heuristic and Machine Learning Approaches for Metric-Based Code Smell Detection In Proceedings of the IEEE/ACM 27<sup>th</sup> International Conference on Program Comprehension (ICPC 2019), Montreal, Canada, 2019, 12 pages, 93 - 104.

[C10] G. Catolino, D. Di Nucci, F. Ferrucci Cross-Project Just-in-Time Bug Prediction for Mobile Apps: An Empirical Assessment In Proceedings of the 6<sup>th</sup> IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft 2019), Montreal, Canada, 2019, 12 pages, to appear.

[C9] J. De Bleser, D. Di Nucci, C. De Roover Assessing Diffusion and Perception of Test Smells in Scala Projects In Proceedings of the IEEE/ACM 16<sup>th</sup> International Conference on Mining Software Repositories (MSR 2019) – Montreal, Canada, 2019, 11 pages, to appear.

[C8] Y. Pacheco, J. De Bleser, T. Molderez, D. Di Nucci, W. De Meuter, C. De Roover Mining Scala Framework Extensions for Recommendation Patterns In Proceedings of the 26<sup>th</sup> IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2018), Hangzhou, China, 2019, 10 pages, 514 - 523.

[C7] P. Salza, F. Palomba, D. Di Nucci, C. D'Uva, A. De Lucia, F. Ferrucci

Do Developers Update Third-Party Libraries in Mobile Apps?

In Proceedings of the IEEE/ACM 26<sup>th</sup> International Conference on Program Comprehension (ICPC 2018), Gothenburg, Sweden, 2018, 11 pages, 255 - 265.

[C6] L. Pascarella, F. Geiger, F. Palomba, D. Di Nucci, I. Malavolta, A. Bacchelli

Self-Reported Activities of Android Developers

In Proceedings of the 5<sup>th</sup> IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft 2018), Gothenburg, Sweden, 2018, 12 pages, 144 - 155.

[C5] D. Di Nucci, F. Palomba, D. A. Tamburri, A. Serebrenik, A. De Lucia

Detecting Code Smells using Machine Learning Techniques: Are We There Yet?

In Proceedings of the 25<sup>th</sup> IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2018), Campobasso, Italy, 2018, 10 pages, 612 - 621.

[C4] D. Di Nucci, F. Palomba, A. Prota, A. Panichella, A. Zaidman, A. De Lucia

Software-Based Energy Profiling of Android Apps: Simple, Efficient and Reliable?

In Proceedings of the 24<sup>th</sup> IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2017), Klagenfurt, Austria, 2017, 12 pages, 103-114

[C3] S. Scalabrino, G. Grano, D. Di Nucci, R. Oliveto, A. De Lucia

Search-based Testing of Procedural Programs: Iterative Single-Target or Multi-Target Approach?

In Proceedings of the Symposium on Search-Based Software Engineering (SSBSE 2016), Raleigh, NC, United States, 2016, 15 pages, 64 – 79

[C2] D. Di Nucci, F. Palomba, S. Siravo, G. Bavota, R. Oliveto, A. De Lucia

On the Role of Developer's Scattered Changes in Bug Prediction.

In Proceedings of the 31st International Conference on Software Maintenance and Evolution (ICSME 2015) - Bremen, Germany, 2015, 10 pages, 241-250

[C1] D. Di Nucci, A. Panichella, A. Zaidman, A. De Lucia

Hypervolume-based Search for Test Case Prioritization.

In Proceedings of the Symposium on Search-Based Software Engineering (SSBSE 2015) - Bergamo, Italy, 2015, 15 pages, 157-172

## 3. CONFERENCE PAPERS, TOOL DEMONSTRATIONS TRACK (I.E., FORMALLY PUBLISHED IN INTERNATIONAL CONFERENCE PROCEEDINGS WITH PEER REVIEW)

[D6] J. De Bleser, D. Di Nucci, C. De Roover

SoCRATES - Scala Radar for Test Smells

In Proceeding of the 10<sup>th</sup> ACM SIGPLAN Scala Symposium (SCALA 2019) - Tool Paper, London, United Kingdom, 2019, 5 pages, to appear.

[D5] S. Scalabrino, G. Grano, D. Di Nucci, M. Guerra, A. De Lucia, H. Gall, R. Oliveto

OCELOT: a Search-Based Test-Data Generation Tool for C

In Proceeding of the 33<sup>rd</sup> IEEE/ACM International Conference on Automated Software Engineering (ASE 2018) - Tool Demonstrations Track, Montpellier, France, 2018, 4 pages, 868 - 871.

[D4] F. Geiger, I. Malavolta, L. Pascarella, F. Palomba, D. Di Nucci, A. Bacchelli

A Graph-based Dataset of Commit History of Real-World Android apps

In Proceedings of the IEEE/ACM 15<sup>th</sup> International Conference on Mining Software Repositories (MSR 2018), Gothenburg, Sweden, 2018, 5 pages, 30 - 33.

[D3] D. Di Nucci, F. Palomba, A. Prota, A. Panichella, A. Zaidman, A. De Lucia

PETrA: a Software-Based Tool for Estimating the Energy Profile of Android Applications

In Proceedings of the 39<sup>th</sup> International Conference on Software Engineering (ICSE 2017) - Demonstrations Track, Buenos Aires, Argentina, 2017, 4 pages, 3-6.

[D2] F. Palomba, D. Di Nucci, A. Panichella, A. Zaidman, A. De Lucia

Lightweight Detection of Android-specific Code Smells: the aDoctor Project.

In Proceedings of the 24<sup>th</sup> IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2017) - Tool Track, Klagenfurt, Austria, 2017, 5 pages, 487-491

[D1] F. Palomba, D. Di Nucci, M. Tufano, G. Bavota, R. Oliveto, D. Poshyvanyk, A. De Lucia

Landfill: an Open Dataset of Code Smells with Public Evaluation.

In Proceedings of the IEEE/ACM 12<sup>th</sup> Working Conference on Mining Software Repositories (MSR 2015) - Florence, Italy, 2015, 4 pages, 482-485

# 4. CONFERENCE PAPERS, MISCELLANEOUS TRACKS (I.E., FORMALLY PUBLISHED IN INTERNATIONAL CONFERENCE PROCEEDINGS WITH PEER REVIEW)

[M1] D. Di Nucci

Methods and Tools for Focusing and Prioritizing the Testing Effort

In Proceeding of the 34<sup>th</sup> IEEE International Conference on Software Maintenance and Evolution (ICSME 2018) - Doctoral Symposium Track, Madrid, Spain, 2018, 5 pages, 722 - 726.

### 5. Published Workshop Papers (i.e., formally published in international workshop proceedings with peer review)

[W7] F.Pecorelli, D. Di Nucci, C. De Roover, A. De Lucia

On the Role of Data Balancing for Machine Learning-based Code Smell Detection

In Proceeding of 3<sup>rd</sup> ACM SigSoft International Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTeSQuE 2019), Tallinn, Estonia, 2019, 6 pages, to appear.

[W6] D. Di Nucci, H. Son Pham, J. Fabry, C. De Roover, K. Mens, T. Molderez, S. Nijssen and V. Zaytsev

A Language-Parametric Modular Framework for Mining Idiomatic Code Patterns

In Proceedings of the 12<sup>th</sup> Seminar Series on Advanced Techniques & Tools for Software Evolution (SATTOSE 2019), Bolzano, Italy, 2019

[W5] Y. Pacheco, J. De Bleser, T. Molderez, D. Di Nucci, W. De Meuter, C. De Roover

Mining Extension Point Patterns in Scala

In Proceedings of the 17<sup>th</sup> Belgium-Netherlands Software Evolution Workshop (BENEVOL 2018), Delft, The Netherlands, 2018, 5 pages, 16 - 20.

[W4] D. Tamburri, F. Palomba, D. Di Nucci, L. Di Giacomo

Omniscient DevOps Analytics

In Software Engineering Aspects of Continuous Development and New Paradigms of Software Production and Deployment: 1st International Workshop (DEVOPS 2018), Chateau de Villebrumier, France, 2018, 48 - 59

[W3] D. Di Nucci, F. Palomba, A. De Lucia

Evaluating the Adaptive Selection of Classifiers for Cross-Project Bug Prediction

In Proceedings of the 6<sup>th</sup> International Workshop on Realizing Artificial Intelligence Synergies in Software Engineering (RAISE 2018), Gothenburg, Sweden, 2018, 7 pages, 48 - 54.

[W2] D. Di Nucci, A. De Lucia

The Role of Meta-Learners in the Adaptive Selection of Classifiers

In Proceeding of 2<sup>nd</sup> Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTeSQuE 2018), Campobasso, Italy, 2018, 6 pages, 7 - 12.

[W1] F. Palomba, D. Di Nucci, A. Panichella, R. Oliveto, A. De Lucia

On the Diffusion of Test Smells in Automatically Generated Test Code: An Empirical Study.

In Proceedings of the 9<sup>th</sup> International Workshop on Search-Based Software Testing (SBST 2016) - Austin, TX, United States, 2016, 10 pages, 5-14

### 6. INVITED TALKS

2019 [T4] MINING SOURCE CODE^3: MINING IDIOMS, USAGES AND EDITS

FOSDEM, Brussels, Belgium, February 3<sup>3d</sup> 2019

2018 [T3] DEFECT PREDICTION: USING MACHINE LEARNING FOR FOCUSING THE TESTING EFFORT

Jheronimus Academy of Data Science, 's-Hertogenbosch, The Netherlands, March 9th 2018

2017 [T2] DEFECT PREDICTION: USING MACHINE LEARNING FOR FOCUSING THE TESTING EFFORT

Jheronimus Academy of Data Science, 's-Hertogenbosch, The Netherlands, December 5th 2017

**[T1] DIAGNOSE AND DETECT ENERGY FLAWS OF ANDROID APPS** Vrije Universiteit Brussel, Brussels, Belgium. March 23<sup>rd</sup> 2017

### 7. SERVICE TO THE SCIENTIFIC COMMUNITY

### ORGANIZATION OF EVENTS RELATED TO SOFTWARE ENGINEERING

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

12<sup>th</sup> International Summer School on Software Engineering, University of Salerno, Italy

### PROGRAM COMMITTEE MEMBER OF INTERNATIONAL CONFERENCES

2020 27th IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER) –

Research Track

2019 35th IEEE International Conference on Software Maintenance and Evolution (ICSME) - Tool Demo Track

27th ACM Joint European Software Engineering Conference and Symposium on the Foundations of

Software Engineering (ESEC/FSE) – Artefact Evaluation Track

6<sup>th</sup> IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) –

Student Research Competition

5<sup>th</sup> 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

10<sup>th</sup> 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 2<sup>nd</sup> International Workshop on Cloud-Native Applications Design and Experience (CNAX)

3rd ACM SigSoft International Workshop on Machine Learning Techniques for Software Quality Evaluation

(MaLTeSQuE)

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

2<sup>nd</sup> Workshop on Machine Learning Techniques for Software Quality Evaluation (MaLTeSQuE)

### EDITORIAL BOARD MEMBER OF INTERNATIONAL JOURNALS AND BLOG

2019 - ACTUAL IEEE Software Blog

#### REVIEWER

INTERNATIONAL Advances in Software Engineering - Elsevier

JOURNALS Applied Soft Computing - Elsevier Computational Intelligence - Wiley

Empirical Software Engineering - Springer

IEEE Access - IEEE

IET Software - Institution of Engineering and Technology

Information Processing Letters - Elsevier

Journal of Software: Evolution and Process - Wiley

Journal of Systems and Software - Elsevier

Neurocomputing - Elsevier

Science of Computer Programming - Elsevier

Scientific Programming - Hidawi Software Quality Journal - Springer

Transactions on Knowledge and Data Engineering - IEEE

Transactions on Software Engineering - IEEE

INTERNATIONAL IEEE International Conference on Software Analysis, Evolution, and Reengineering: 2017, 2018

CONFERENCES IEEE International Conference on Program Comprehension: 2016, 2019

IEEE International Conference on Software Maintenance and Evolution: 2016 (ERA Track), 2018, 2019

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

### 8. 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