Personal Information

Name	Larisa Safina
Citizenship	Russia
DBLP	http://dblp.uni-trier.de/pers/hd/s/Safina:Larisa
LinkedIn	https://www.linkedin.com/in/lsafina/

Professional Experience

2020 - current — **Postdoc**, *INRIA*, Lille, France.

2019-2020 — **Research Engineer**, *INRIA*, Lille, France.
Working on the implementation of the Rigorous System Design approach in the JavaBIP exogenous coordination framework, allowing its effective use in industrial development projects. The primary goals of the project are to obtain behavioral models of the coordinated software entities and to detect the deviations between these models and the corresponding executable code in the face of software evolution

2015-2019 — **Researcher, Lecturer**, *Software Science and Engineering laboratory, Innopolis University*, Innopolis, Russian Federation.
Working on various research projects in the fields of software engineering, software architecture, microservices, and type systems. Teaching undergraduate- and graduate courses, co-supervising students theses.

2013-2014 — **Head of Quality Assurance**, *FIX, LLC*, Kazan, Russian Federation.

2011-2013 — **Software Test Engineer**, *Fujitsu GDC Russia*, Kazan, Russian Federation.

Education

2020 — **Ph.D in Computer Science**, *University of Southern Denmark, Denmark*.
Thesis: *Formal methods and patterns for microservices*

2015 — **Master degree in Software Engineering**, *Innopolis University, Russia*.
Thesis: *Development of energy saving portal as a part of automated lighting control and monitoring system*

2012 — **Master degree in Computational Mathematics and Cybernetics**, *Kazan State University, Russia*.
Thesis: *Boundary elements method for Dirichlet problem solving*

Selected Publications

2017 — Dragoni N., Giallorenzo S., Lluch Lafuente A., Mazzara M., Montesi F., Mustafin R., Safina L. - *Microservices: yesterday, today, and tomorrow*, in PAUSE, Springer, 2017

2020 — Cruz-Filipe L., Montesi F., Safina L. - *Implementing Choreography Extraction*, Electronic libraries, https://arxiv.org/abs/1910.11741

2019 — Giallorenzo S., Montesi F., Safina L., Zingaro S. - *Ephemeral Data Handling in Microservices*, The International Conference on Microservices 2019, in IEEE International Conference on Services Computing (SCC)

Conference Speaker

2019   IEEE International Conference on Services Computing, Milan, Italy

2019   21st International Conference on Coordination Models and Languages, Copenhagen, Denmark

2019   The International Conference on Microservices 2019, Dortmund, Germany

2017   A.P. Ershov Informatics Conference 10th edition (PSI), Moscow, Russia

2016   The 9th IEEE International Conference on Service Oriented Computing & Applications (SOCA), Macau, China

2016   The International Conference on Advanced Information Networking and Applications (AINA), Crans-Montana, Switzerland

2016   10th International KES Conference on Agents and Multi-Agent Systems: Technologies and Applications (AMSTA), Tenerife, Spain

2013   14st International Conference on Software Quality Assurance (SQA Days), Lvov, Ukraine

Conference Chair

2021   14th Interaction and Concurrency Experience (ICE) workshop co-located with 16th International Federated Conference on Distributed Computing Techniques (DisCoTec)

2020   13th Interaction and Concurrency Experience (ICE) workshop co-located with 15th International Federated Conference on Distributed Computing Techniques (DisCoTec)

Conference PC Member

2021   23rd International Conference on Coordination Models and Languages (COORDINATION)

2021   2nd IEEE International Conference on Autonomic Computing and Self-Organizing Systems (ACSOS)

2020   Agility with Microservices Programming workshop co-located with 21st International Conference on Agile Software Development (XP)

2019   The International Conference on Microservices 2019, Dortmund, Germany

2019   Workshop on Cloud Native Applications Design and Experience (CNAX19), Aukland, New Zealand

2018   3rd International Workshop on Microservices: Science and Engineering (MSE), Toulouse, France

2017   2nd Workshop on Microservices: Science and Engineering, Trento, Italy

Virtualization Chair

2021   International conference on formal methods in software engineering (FormaliSE) colocated with 43rd International Conference on Software Engineering (ICSE)

Publicity Chair

2021   Agility with Microservices Programming (AMP) Workshop at 22nd International Conference on Agile Software Development (XP)

Ethics Committee member

2021   Microservices Community, a European-based international community interested in the software paradigm of Microservices

Teaching Experience

2019   Personal Software Process, secondary instructor, Innopolis University

2018   Theory of Computation, teacher assistant, Innopolis University

2018   Software Architecture, teacher assistant, Innopolis University

2018   First Year Project in Computer Science, mentor, University of Southern Denmark

2017   Personal Software Process, primary instructor, Innopolis University

2017   Data Modeling and Databases, teacher assistant, Innopolis University

2017   First Year Project in Computer Science, mentor, University of Southern Denmark

2016   Theory of Computation, teacher assistant, Innopolis University

2015   Theory of Computation, teacher assistant, Innopolis University

2014   Introduction to Software Testing, primary instructor, Kazan State University

Grants

2019   Erasmus+ grant for staff training between Innopolis University, Russia, and University of Birmingham, UK

2019   Travel grant for the International Conference on Microservices 2019

2018   COST action CA15123 grant for the EUTypes Summer School on Types for Programming and Verification, Ohrid, Macedonia

2017   Travel grant for the School and Workshop on Univalent Mathematics, Birmingham, UK

Workshops and Schools

2019   School and Workshop on Univalent Mathematics, Birmingham, UK

2018   2018 EUTypes Summer School on Types for Programming and Verification, Ohrid, Macedonia

2017   School and Workshop on Univalent Mathematics, Birmingham, UK

2017   The 2nd Winter School in Engineering and Computer Science on Formal Verification, Jerusalem, Israel

2017   Instructional Skills Workshops, Innopolis, Russia

2016   BETTY Summer School on Behavioral Types, Limassol, Cyprus

2016   SYRCoSE (Spring Young Researchers' Colloquium on Software Engineering), Krasnovidovo, Russia

Certification

2015   Managing of Software Development, Carnegie Mellon University

2015   Methods of Software Development, Carnegie Mellon University

2015   Models of Software Systems, Carnegie Mellon University

2015   Architectures for Software Systems, Carnegie Mellon University

2015   Analysis of Software Artifacts, Carnegie Mellon University

2013   ISEB Intermediate

2011   ISEB Foundation

Language Competence

Russian	Mother tongue
English	Full professional proficiency
Italian	B1