

Eleventh Workshop on Software Quality Analysis, Monitoring,
Improvement, and Applications

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PROCEEDINGS

September 2024

Thank you, Zoran!!!

Volume Information

Editors

Marjan Heričko

University of Maribor,
Faculty of Electrical Engineering and Computer Science
Institute of Informatics
Koroška cesta 46, 2000 Maribor, Slovenia
E-mail: marjan.hericko@um.si

Vladimir Kurbalija

University of Novi Sad,
Faculty of Sciences,
Department of Mathematics and Informatics
Trg Dositeja Obradovića 4, 21000 Novi Sad, Serbia
E-mail: vladimir.kurbalija@dmi.uns.ac.rs

Luka Pavlič

University of Maribor,
Faculty of Electrical Engineering and Computer Science
Institute of Informatics
Koroška cesta 46, 2000 Maribor, Slovenia
E-mail: luka.pavlic@um.si

Gordana Rakić

University of Novi Sad,
Faculty of Sciences,
Department of Mathematics and Informatics
Trg Dositeja Obradovića 4, 21000 Novi Sad, Serbia
E-mail: gordana.rakic@dmi.uns.ac.rs

Hannu Jaakkola

Tampere University,
Faculty of Information Technology and Communication Sciences
Pohjoisranta 11A, 28100 Pori, Finland
E-mail: hannu.jaakkola@tuni.fi

Zoltán Horváth

Eötvös Loránd University,
Faculty of Informatics,
Department of Programming Languages and Compilers
Pazmany P. setany 1/C, H-1117 Budapest, Hungary
E-mail: hz@inf.elte.hu

Mirjana Ivanović

University of Novi Sad,
Faculty of Sciences,
Department of Mathematics and Informatics
Trg Dositeja Obradovića 4, 21000 Novi Sad, Serbia
E-mail: mirjana.ivanovic@dmi.uns.ac.rs

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University of Novi Sad,
Faculty of Sciences,
Department of mathematics and informatics
Trg Dositeja Obradovića 3,
21000 Novi Sad,
Serbia
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Typesetting:

Ivan Pribela
E-mail: ivan.pribela@dmi.uns.ac.rs

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Preface

This volume contains papers presented at the Eleventh Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications (SQAMIA 2024) held at the Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Serbia within the period from 9th to 11th of September 2024. SQAMIA 2024 continued the tradition of successful SQAMIA workshop series previously held in Novi Sad, Serbia (in 2012, 2013, 2018, and 2022), Lovran, Croatia (2014), Maribor, Slovenia (2015), Budapest, Hungary (2016), Belgrade, Serbia (2017), Ohrid, North Macedonia (2019), and Bratislava, Slovakia (2023). During the COVID-19 pandemic, the workshop was not held (2020 and 2021).

The first SQAMIA workshop was co-located with the 5th Balkan Conference in Informatics (BCI 2012). In 2013, SQAMIA became a standalone annual event gathering of researchers and practitioners in the field of software quality. The main objective of the SQAMIA series of workshops is to provide a forum for presentation, discussion and dissemination of the latest scientific achievements in the area of software quality, and to promote and improve interaction and collaboration among scientists and young researchers from the region and beyond. The workshop especially welcomes position papers, papers describing work in progress, tool demonstration papers, technical reports, and papers designed to provoke debate on actual knowledge, open questions, and future research trends in software quality.

The SQAMIA 2024 workshop consisted of regular sessions with technical contributions reviewed and selected by an international program committee, as well as two invited talks given by Nicolás Cardozo and Klaus Bothe. In total 22 papers were accepted and published in this proceedings volume. All published papers have been reviewed by at least two reviewers.

This workshop edition commemorates the memory of Prof. Zoran Budimac, a Founding Member of the SQAMIA workshop series. In accordance with this, a special session has been organized within an opening ceremony, and a special section in these proceedings has been dedicated to memories and gratitude.

We are grateful to the SQAMIA 2024 Organizing Committee which had a special shape because of the exceptional nature of this edition of the SQAMIA Workshop. We extend special thanks to all PC members for submitting careful and timely opinions on the papers. Our special thanks are also addressed to the members of the SQAMIA Initiative (sqamia.org) without whom this and previous workshops could not be possible: Marjan Heričko (Maribor, Slovenia), Mirjana Ivanović (Novi Sad, Serbia), Zoltán Horváth (Budapest, Hungary), Hannu Jaakkola (Pori, Finland), and Tihana Galinac Grbac (Pula, Croatia). We thank the Department of Mathematics and Informatics, Faculty of Sciences, University of Novi Sad for hosting and partially sponsoring the event. And last, but not least, we thank all the participants of SQAMIA 2024 for their contributions that made all the effort invested into SQAMIA 2024 worthwhile.

September 2024

*Marjan Heričko
Vladimir Kurbalija
Luka Pavlič
Gordana Rakić
Hannu Jaakkola
Zoltán Horváth
Mirjana Ivanović*

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