

Zoran Budimac (Editor)

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

SQAMIA 2018

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Preface

This volume contains papers presented at the Seventh Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications (SQAMIA 2018). SQAMIA 2018 was held during August 27 – 30, 2018., at the Department of mathematics and Informatics, Faculty of Science, University of Novi Sad, Serbia.

SQAMIA 2018 continued the tradition of successful SQAMIA workshops previously held in Novi Sad, Serbia (in 2012 and 2013), Lovran, Croatia (2014), Maribor, Slovenia (2015), Budapest, Hungary (2016) and Belgrade, Serbia (2017). The first SQAMIA workshop was organized within the 5th Balkan Conference in Informatics (BCI 2012). In 2013, SQAMIA became a standalone event intended to be an annual 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 present knowledge, open questions, and future research trends in software quality.

The SQAMIA 2018 workshop consisted of regular sessions with technical contributions reviewed and selected by an international program committee, as well as three invited talks by Alexandros Chatzigeorgiou, Tudor Girba and João Saraiva. In total 21 and one invited paper were accepted and published in this proceedings volume. All published papers were at least double reviewed, and in some cases even quadruple reviewed. We are grateful 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 who this and previous workshops could not be possible: Zoran Budimac (Novi Sad, Serbia), Tihana Galinac Grbac (Rijeka, Croatia), Marjan Heričko (Maribor, Slovenia), Zoltán Horváth (Budapest, Hungary) and Hannu Jaakkola (Pori, Finland)

We extend special thanks to the SQAMIA 2018 Organizing Committee from the Department of Mathematics and Informatics, Faculty of Sciences, University of Novi Sad, especially to the two co-chairs Nataša Sukur and Tijana Vislavski for their hard work and dedication to make this workshop the best it can be. Further we'd like to thank Doni Pracner for his patience and diligent work on making the proceedings.

And last, but not least, we thank all the participants of SQAMIA 2018 for their contributions that made all the work that went into SQAMIA 2018 worthwhile.

August 2018

Zoran Budimac

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