Message from the General Chair and Program Co-Chairs
SCAM 2022

On behalf of the SCAM 2022 Conference and Program Committee, we would like to welcome you to the beautiful Limassol, Cyprus for the 22nd IEEE International Working Conference on Source Code Analysis and Manipulation, co-located with the 38th IEEE International Conference on Software Maintenance and Evolution (ICSME 2022). We are grateful for organizing the first in-person conference edition after COVID-19.

The aim of the International Working Conference on Source Code Analysis and Manipulation (SCAM) is to bring together researchers and practitioners working on theory, techniques and applications which concern analysis and/or manipulation of the source code of computer systems. While much attention in the wider software engineering community is properly directed towards other aspects of systems development and evolution, such as specification, design and requirements engineering, it is the source code that contains the only precise description of the behaviour of the system. The analysis and manipulation of source code thus remains a pressing concern. SCAM is a working conference: paper presentations are kept short and focused, with ample time reserved for general discussion of issues raised during each session. This always leads to interesting and stimulating interactive discussions.

The 2022 edition of SCAM has four tracks, with separate program committees and track chairs. In addition to the main research track, it also includes an Engineering track chaired by Olga Baysal and Sandro Schulze, a New Ideas and Emerging Results (NIER) track chaired by Csaba Nagy and Fabio Palomba, and a Replications and Negative results (RENE) track chaired by Maurizio Leotta and Mike Papadakis. We have received a total of 73 submissions to SCAM this year. There were 45 submissions to the main research track, of which one was desk rejected for violation of the double-blind policy. The remaining 44 submissions went through a thorough review process. Every paper was fully reviewed by three or more program committee members for relevance, soundness and originality, and discussed before final decisions were made. The program committee decided to accept 17 papers (acceptance rate 39%). The Engineering track received 11 submissions, desk rejected one and accepted 5, the NIER track received 16 submissions and accepted 10, and finally, the RENE track received 4 submissions and accepted 1. We extend our sincere gratitude to the program committee for their timely and constructive reviews, and special thanks to those who actively participated in the discussions of the final selections. Papers of all the tracks are invited to be extended for consideration in a special issue of the Journal of Systems and Software (JSS).

In addition to the technical program, SCAM was enriched by a keynote talk and a presentation by the winners of the Most Influential Paper (MIP) award from the 12th IEEE International Working Conference on Source Code Analysis and Manipulation (SCAM 2012). The keynote speaker was Eric Bodden from Paderborn University, Germany. His keynote address, "When the rubber hits the road: an exciting journey from an academic analysis framework to a SAST product in industry", expanded on the theme of static analysis that has been at the core of SCAM research, and we thank him sincerely for sharing his insight and experience with us. This year's winners of the MIP award are Gabriele Bavota, Bernardino De Carluccio Andrea De Lucia, Massimiliano Di Penta, Rocco Oliveto and Orazio Strollo, for their SCAM 2012 paper entitled "When Does a Refactoring Induce Bugs? An Empirical Study".

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Corradini for continuously updating the website; Zheng Li and Mariano Ceccato for steering the selection of the Most Influential Paper; Dave Binkley for financial arrangements; Michele Pasqua for managing and producing the proceedings and for the amazing local arrangements in Limassol; Davide Corradini and Andrea Romdhana for managing virtual participation of authors who could not attend in person.

We hope that you enjoy the following papers and that they will inspire you in your research on source code analysis and manipulation.

Mariano Ceccato
General Chair

Banani Roy and Mohammad Ghafari
Program Co-Chairs