

Preface

This volume contains the proceedings of the 21st edition of the International Conference on Software and Systems Reuse (ICSR 2024). The conference was organized in the beautiful city of Limassol, Cyprus during June 19–20, 2024.

ICSR is the premier international event in the software reuse community and its main goal is to present the most recent advances in the area of software and systems reuse and to promote an exchange of ideas and best practices among researchers and practitioners.

The 21st edition's main theme was "Sustainable Software Reuse", promoting the sustainable reuse of robust, validated components and libraries. This is beneficial for the software community as it allows for the rapid development of high-quality applications with a reduced environmental footprint. Additional innovative targets of software development and reuse are IoT, cloud/edge computing or Artificial Intelligence. Recent advances focused on accelerating development processes but also opened new possibilities for creating innovative and customized solutions. We solicited papers that explored these, and every aspect of software reuse. This edition featured sessions on Artificial Intelligence and Reuse, Variability and Reuse, Adaptation and Reuse and Code Reuse which presented results that emphasize methods, techniques and tools for sustainable software reuse.

Following the current practices in reviewing, we used a double-blind process. We received a total of 25 submissions divided into two main tracks: Research and Late Breaking Results tracks. Each paper was reviewed by three Program Committee members followed by a discussion through Easy Chair, with the involvement of the General and Program Chairs. The Research track received 20 abstracts and 19 full papers were reviewed, out of which seven were accepted as full papers and two as short papers. The full paper acceptance rate of the Research track was 35% and the overall acceptance rate of all tracks was 44%.

We were delighted to have two keynote speakers. Hermann Kaindl delivered a keynote on "Many Flavors of Reuse and Reusability" and Georgia Kapitsaki delivered a keynote on "Open-source software issues practitioners face: general issues and licensing concerns".

We are grateful for the hard work of the Program Committee which helped to assure a high-quality conference. Furthermore, we want to thank the Organizing Team and the Steering Committee for their support in ensuring a successful conference.

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