

Welcome Message

Welcome to SPLC'24, the 28th ACM International Systems and Software Product Line Conference. Looking back to the previous SPLC issues, the conference has been established as a thriving ground for practitioners, researchers, and educators working in areas related to systems and software product lines. With the increasing size and complexity of software, efficiently supporting software processes becomes an extremely important task. SPLC'24 acted as a venue fostering knowledge exchange and learning about the state of the art in software product lines as well as new practices, trends, innovations, challenges and insights from industrial applications.

SPLC'24 was held in Luxembourg from September 02 to 06, 2024. SPLC aims at combining research excellence with industrial impact and relevance. Participants have been offered a perfectly balanced conference program that includes high-quality basic research as well as industry and SPL in practice papers combined with workshops, demonstrations and tools, challenges, a doctoral symposium, tutorials, journal-first presentations, and three keynote talks. In addition, we are proud to announce that this year marks the first time SPLC has been held jointly with the European Conference on Software Architecture (ECSA). To foster synergies between two research communities (software product lines and software architecture), parts of the program have been organized into common sessions, including the three keynotes, the panel, and the doctoral symposium.

SPLC received 88 submissions (not counting workshop submissions): 36 research papers, 9 research artifacts, 12 industry papers, 4 journal-first papers, 2 workshop proposals, 9 workshop submissions, 1 challenge proposal and 1 solution, 7 demonstration and tool papers, 4 doctoral symposium papers, and 3 tutorials. Based on at least three reviews per submission and after many intensive discussions between the committee members, 14 research track papers (3 thereof as short papers) and 6 industry and SPL in practice track papers have been selected for presentation at the conference (resulting in the corresponding acceptance rates of 39% and 50%).

Special thanks go to our keynote speakers Thorsten Berger, Jürgen Hamm, and Ralf Reussner who supported the conference in terms of sharing their experiences, insights, and visions for future topics. We are also grateful for the hard work of the program committee and track chairs which helped to assure a high-quality conference. Furthermore, we want to thank the organizing team for contributing to the success of the conference. In this context, special mentions go to the proceeding's chairs, local organization chairs, and local web chairs. Final thanks to the sponsors of SPLC'24, which include FNR Luxembourg, NADI and personal donations from Danilo Beuche and Holger Papajewski.

Sincerely,

Maxime Cordy, Daniel Strüber, Mónica Pinto, Iris Groher, Deepak Dhungana, Jacob Krüger, Juliana Alves Pereira, Mathieu Acher, Thomas Thüm, Maurice ter Beek, Jessie Galasso-Carbonnel, Paolo Arcaini, Mohammad Reza Mousavi, Goetz Botterweck, Natsuko Noda, Martin Becker, Xhevahire Tërnavá, José Galindo, Tao Yue, Lidia Fuentes, Philippe Collet, Kentaro Yoshimura, Salijona Dyr-mishi, José Miguel Horcas, Sandra Greiner, Sophie Fortz, Magali Martin, Lina Ostapchuk, Amal Akli