ConfWS 2023
25th International Workshop on Configuration

Málaga, Spain, September 6-7, 2023
Proceedings
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Preface

The 25th International Workshop on Configuration (ConfWS 2023) is a vibrant hub for researchers and industry professionals interested in configuration technology. The product configuration field refers to the arrangement, composition, or setup of various components or elements within a system, product, or solution. The need for configuration is wide-ranging beyond software in today’s life.

We are proud that the Configuration Workshop (ConfWS 2023) is celebrating its 25th anniversary. This year, it is hosted by the University of Málaga in Spain as a stand-alone two-day event where high-quality research in all configuration-related technical areas is presented. The program includes special sessions about visualization and configuration, configuration tasks, constraint programming, configuration applications, answer set programming (ASP), and product configuration.

There were 18 papers submitted for peer review to ConfWS 2023. 16 papers were selected for publication in these proceedings after a review by three independent reviewers per paper. One more paper was accepted as a one-page abstract for presentation in the workshop (Lothar Hotz, Rainer Herzog, Yibo Wang, and Stephanie Von Riegen: “HydrA - A Hybrid Architecture for Adaptive, Monitoring-based Bottom-up Configuration”). An additional paper was invited to be presented as a keynote (Michel Aldanondo and Elise Vareilles: “After 25 years in the product configuration field, some remaining topics that interest us”).

The ConfWS 2023 introduced the figure of “Award Chair” in the organization committee, a role played by Michel Aldanondo (Université de Toulouse, France), who was in charge of managing the selection of the best paper awards in a two-phase audience vote at the end of the workshop. This forum presents awards to the best papers since ConfWS 2015. This year, in ConfWS 2023, the Best Paper Award winner was “Visualization in Configurators: Reflections for Future Research” by Enrico Sandrin and Cipriano Forza, and the Best Student Paper Award winner was “Product Variant Master in the Construction Industry: A Synthesis of Construction Product Platforms” by Irene Campo Gay and Lars Hvam.

We thank the authors for their submissions, the program committee for their hard work, the University of Málaga and the ITIS Software for supporting this event, the E.T.S. Ingeniería Informática for the space to host the event, and SIEMENS for sponsoring ConfWS 2023. The following projects by FEDER/Ministry of Science and Innovation/Junta de Andalucía/State Research Agency, and EU, also supported the workshop: TASOVA PLUS research network (RED2022-134337-T), IRIS (PID2021-122812OB-I00), LEIA (UMA18-FEDERJA-157), Data-pl (PID2022-138486OB-I00), METAMORFOSIS (FEDER_US-1381375), and DAEMON (H2020-101017109).

September 2023

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