

4th Context-aware, Autonomous and Smart Architectures International Workshop (CASA@ECSA 2021)

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Abstract

The CASA workshop focuses on the main principles of context-aware, autonomous, and smart solutions, the current architectural needs and trends, the influence of the application domains, the future issues and challenges to be addressed at the architectural level. Novel design and development approaches are needed to face the new issues raised by context-aware, autonomous, and smart systems. New solutions are expected to address properly the trade-offs among the various quality attributes characterizing these systems. Existing architectural solutions should be adapted and improved to meet the evolving and dynamic requirements of context-aware, autonomous, and smart systems.

The workshop invites researchers and practitioners from industry and academic environments to share their solutions, ideas, visions, and doubts in the design of software architectures for such solutions. CASA 2021 edition has 5 papers accepted out of 7 submissions.

Keywords 1

Context-aware, autonomous, smart, adaptive, intelligent, software architectures, patterns · unstructured data, privacy and security, risk and safety, description languages.

1. Program Committee

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