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Organic Computing
Computer Architecture

Dependability
Fault Injection
Fault Tolerance

Heterogeneous Computing

Self-adaptation

Worst Case Execution Time

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Sommario/riassunto Long description: The GI/ITG International Conference on Architecture

of Computing Systems (ARCS) looks back at more than 30 years of tradition in reporting high quality results in computer architecture as well as operating systems research. ARCS has become an important forum for research in these areas and has a long tradition of hosting

associated workshops complementing the programme of the

conference with specific topics extending the technical scope of the conference. This year, ARCS 2019 was organised at Technical University

of Denmark, Copenhagen, Denmark, from May 20 to May 23, 2019.

This year, the following workshops were held within ARCS: - 15th

Workshop on Dependability and Fault Tolerance (VERFE'19) - 7th International Workshop on Self-optimisation in Organic and Autonomic Computing Systems (SAOS'19) - 4th Workshop of the Multi-Core Safe and Software-intensive Systems Improvement Community (FORMUS3IC)