

15th European Workshop EPEW 2024 Paris France October 29-30, 2024: Proceedings



Computer Performance Engineering: 15th European Workshop, EPEW 2024, Paris, France, October 29-30, 2024, Proceedings (Lecture Notes in Computer Science Book 11178)

★★★★★ 5 out of 5

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Conference Proceedings

This volume contains the proceedings of the 15th European Workshop on Embedded Parallelism (EPEW 2024), held in Paris, France, on October 29-30, 2024, in conjunction with the 18th International Conference on Compilers, Architectures and Synthesis for Embedded Systems (CASES 2024).

EPEW is a forum for researchers and practitioners to present and discuss the latest research on embedded parallelism, including theory, design, implementation, and applications. The workshop brings together experts from academia and industry to exchange ideas and insights, and to foster collaboration on this rapidly growing field.

The EPEW 2024 program included a mix of invited talks, regular paper presentations, and poster presentations. The invited talks were given by leading researchers in the field of embedded parallelism, and they covered a wide range of topics, including:

- The latest trends in embedded parallelism
- The challenges and opportunities of programming for parallel embedded systems
- The use of machine learning and artificial intelligence in embedded systems

- The future of embedded parallelism

The regular paper presentations were selected from a pool of over 50 submissions. The papers covered a wide range of topics in embedded parallelism, including:

- New architectures for parallel embedded systems
- New programming models and languages for parallel embedded systems
- New compilation techniques for parallel embedded systems
- New applications of parallel embedded systems

The poster presentations provided an opportunity for researchers to present their work in a more informal setting. The posters covered a wide range of topics in embedded parallelism, including:

- Work in progress
- Preliminary results
- New ideas

The EPEW 2024 proceedings contain the full text of the invited talks, regular paper presentations, and poster presentations. The proceedings are a valuable resource for researchers and practitioners who are interested in the latest research on embedded parallelism.

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