

Preface by the ATAED 2026 Chairs

The 10th International Workshop on Algorithms and Theories for the Analysis of Event Data (ATAED 2026) took place on 23 June 2026 in Hamburg, Germany, and was co-located with the 47th International Conference on Application and Theory of Petri Nets and Concurrency (PETRI NETS 2026). The aim of ATAED is to bring together researchers working on theoretical foundations and practical approaches related to the analysis of event data. This includes deriving higher-level process models, such as various classes of Petri nets, BPMN diagrams, or UML activity diagrams, from lower-level behavioral descriptions such as event logs, sets of partial orders, or transition systems. The workshop is supported by the IEEE Task Force on Process Mining and the Fachgruppe “Petrinetze und verwandte Systemmodelle” of the German Informatics Society. The workshop represents a joint effort by researchers from the process mining and Petri net communities.

The call for papers of this year’s ATAED edition can be found at <https://www.fernuni-hagen.de/ataed/ataed2026/>. The submission deadline was April 10, and notifications were sent on May 18.

For ATAED 2026, we received nine submissions. These submissions spanned a broad spectrum of topics at the intersection of process mining and Petri net theory, ranging from the conceptual foundations of object-centric event data to novel discovery approaches for procedural models, as well as issues related to conformance and the complexity of discovered models. Each paper was reviewed by at least three PC members. Based on the reviews and subsequent discussions, the program committee selected five contributions for publication in the workshop proceedings. We would like to thank the local organizing team in Hamburg for their excellent support and all members of the program committee for their valuable reviews and contributions to the paper selection process.

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Robin Bergenthum
Sander Leemans
Andrey Rivkin

ATAED 2026 Programme Committee

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