

Preface by the PNAS'2026 Chairs

The *Workshop on Petri Nets for Adaptive Systems (PNAS'2026)* took place at June 22, 2026. The workshop is co-located with *47th International Conference on Application and Theory of Petri Nets and Concurrency (PETRI NETS 2026)* in Hamburg, Germany.

Classical Petri nets are foundational for concurrent and distributed systems, but they stumble when tasked with capturing the essence of complex, reactive, and reconfigurable behaviors. Since Valk's groundbreaking introduction of self-modifying Petri nets, the last three decades have witnessed a surge of innovative extensions designed to elegantly and succinctly model these dynamic systems. From dynamic interconnectivity reminiscent of the Pi-calculus to the nets-within-nets concept, and sophisticated higher-order net formalism, the landscape has exploded with a variety of frameworks. However, this expansion often lacks clear goals and is shackled by limited analytical tool support.

The objective of this workshop is to unite the community of researchers who are engaged in various approaches to modeling reconfigurable and reactive systems from a formal standpoint, especially highlighting Petri nets.

We welcome contributions describing original research in modelling of adaptable systems using Petri nets and related models. We also welcome papers studying the analysis of such systems - either qualitatively or quantitatively.

This year we received three contributions for these proceedings. Each paper was reviewed by at least three referees. During the reviewing process the program committee selected one contributions for publication. The proceedings also contain the extended abstracts for the accepted poster contributions. For organizational reasons, we have decided to join forces with the PNSE'26 workshop.

Furthermore, we would like to thank our colleagues in the PC and the local organization team in Hamburg for their support.

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Lorenzo Capra
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The PNAS'2026 Programme Committee

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