

🌐 Mexico 📅 June 16, 2025

CONFERENCE WEBSITE: <https://tinyurl.com/ApPLIED2025/>

| About the Conference

Call for Papers: ApPLIED workshop held in conjunction with PODC 2025

ApPLIED: Workshop on Advanced tools, programming languages, and PPlatforms for Implementing and Evaluating **algorithms** for Distributed systems -- held in conjunction with PODC 2025.

Accepted papers will appear on the workshop's website and ACM digital library (as ACM proceedings).

DATES

Abstract registration: April 23, 2025 (AoE).

Full paper submission: April 25, 2025 (AoE).

Final notification: May 30, 2025.

Camera-ready deadline: June 13, 2025.

Important Dates

 **JUN 16** CONFERENCE DATE
June 16, 2025

Workshop: Monday, June 16, 2025, Huatulco, Mexico.

SCOPE

Designers of advanced systems wishing to implement and evaluate distributed algorithms in practical settings are often faced with challenging questions regarding the **transformation** from design to a working prototype.

The purpose of this workshop is to bring together designers and practitioners of distributed systems from both academia and industry to share their points of view and experiences. We solicit submissions describing research results and/or position papers relevant to the topic of interest to ApPLIED. The goal of the workshop is to act as a bridge between the traditional PODC community, which has a more analytical focus, and researchers working on more applied approaches and building large-scale distributed systems.

All topics that fall within the scope of distributed computing and systems are of interest. Special emphasis is on new frontiers, including the cloud **environment**, e.g., edge-computing, consensus-related solutions (e.g., distributed ledger technology), cyber-security, **machine learning**, and novel hybrid systems (e.g., classic/quantum distributed systems). We are also interested in recent advances, e.g., ChatGPT and GitHub Copilot, in the process of designing distributed algorithms as well as implementing prototypes suitable for running on working systems.

Moreover, we welcome success stories in which the evaluation of (perhaps known) distributed algorithms resulted in further (analytical) insights.

TECHNICAL PROGRAM COMMITTEE (Confirmed)

Ken Birman, Cornell University (USA)

Armando Castañeda, UNAM (Mexico)

Panagiota Fatourou, University of Crete (Greece)

Antonio Fernández Anta, IMDEA (Spain)

Davide Frey, Inria Rennes (France)

Wojciech Golab, University of Waterloo (Canada) --
- co-chair

Sagar Jha, Google Inc. (USA)

Wolfgang John, Ericsson Research (Sweden)

Joseph Izraelevitz, University of Colorado, Boulder (USA)

Oscar Morales-Ponce, California State University, Long Beach (USA)

Arif Merchant, Google Research (USA)

Achour Mostefaoui, University of Rennes (France)

Mikhail Nesterenko, Kent State University (USA)

Etienne Riviere, UC Louvain (Belgium)

Jan Rellermeyer, Leibniz University Hannover
(Germany) and TU-Delft (Netherlands)

Evgenia Smirni, College of William and Mary (USA)

Francois Taiani, University of Rennes (France)

Mark R. Tuttle, Amazon (USA)

Robbert Van Renesse, Cornell University (USA)

Andrea Vitaletti, Sapienza University of Rome
(Italy) --- co-chair

Lin Wang, Paderborn University (Germany)

Igor Zablatchi, Mysten Labs (Switzerland)

WORKSHOP SUBMISSION AND PRESENTATIONS

Two formats will be considered:

* A regular paper submission must report on original research that has not been previously or concurrently published; concurrent submissions to journals or conferences are not permitted. A regular submission must not exceed eight pages, excluding up to two pages of references.

Additional necessary details may be included in a clearly marked appendix, which will be read at the program committee's discretion. However, the paper must be self-contained without the appendices. Regular papers will have 30 minutes

for an oral presentation at the workshop.

Submissions not accepted as regular papers will be considered short research statements.

* Short research statements aim at fostering discussion and collaboration. Research statements may summarize research published elsewhere or outline new emerging ideas. These submissions must not exceed four pages, excluding up to one page of references. The material in these short research statements may be published at other conferences. Short research statements will take 15 minutes to be presented in the workshop.

Submissions that do not conform to these rules and papers outside the scope of the conference will be rejected without consideration.

Authors with accepted submissions must ensure that at least one of the co-authors is registered for the workshop and physically presents their work. While we encourage authors to prerecord their presentations for wider dissemination, it is essential to note that these videos do not replace the necessity for in-person presentations during the workshop.

PAPER SUBMISSION GUIDELINES

Papers are to be submitted electronically through HotCRP:

<https://ApPLIED2025.hotcrp.com/>

Papers are to be submitted electronically, following

the guidelines on the workshop web page.
Submission must be in English and in .PDF format.
Submissions must be prepared in LaTeX and use
the official ACM Master article template `acmart.cls`,
version 1.80 or greater, using the following
documentclass instructions:

```
\documentclass[sigconf]{acmart}
```

The template is available at
[https://www.acm.org/publications/proceedings-
template](https://www.acm.org/publications/proceedings-template). Each paper must begin with a cover
page containing (1) a title, (2) author names and
affiliations, (3) contact author's email, (4) an
abstract, and (5) an indication of whether the
paper should be considered as an article of
original research or short research statement.

PUBLICATION

The final versions of the accepted papers will
appear on the workshop website and ACM digital
library and will be available electronically to the
participants during the workshop.

TOPICS OF INTEREST

2 topics

Research papers are invited in, but not limited to,
the following areas:

○ Computer Science
& Software
Engineering

○ Networking &
Cloud Computing

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