Call for Contributions

Note: *On-site and Virtual Options*
To accommodate many situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors managed to attend in person but are aware that special circumstances are best handled by having flexible options.

Submission:
1. Inform the Chair about the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=CLOUD+COMPUTING+2026+Special
Please select Track Preference as **GenAI4Cloud**

Special track

GenAI4Cloud: Generative AI for Cloud Computing

Chair

Kunal Rao, NEC Laboratories America, USA
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along with

CLOUD COMPUTING 2026, **The Seventeenth International Conference on Cloud Computing, GRIDs, and Virtualization**
April 19 - 23, 2026 - Lisbon, Portugal
https://www.iaria.org/conferences2026/CLOUDCOMPUTING26.html

Generative AI is increasingly shaping how cloud computing systems are specified, built, and operated. Large Language Models (LLMs) and generative techniques are now used to generate application logic, orchestrate workflows, automate system management, and optimize cloud resources. In parallel, AI agents built on top of generative models are emerging as programmable entities within cloud platforms, motivating new abstractions for cloud runtimes, control planes, and application development.

This special track focuses on research at the intersection of Generative AI and cloud computing systems. We invite contributions on GenAI-enabled platforms, runtimes, and applications, as well as system-level techniques for scalable, efficient, and reliable execution of generative workloads. Topics include cloud-centric systems as well as deployments that span edge-cloud settings. The goal is to advance the design, implementation, and evaluation of cloud systems and applications fundamentally shaped by generative models.

Subtopics for contributions include, but are not limited to:

- Generative AI application platforms, runtimes, and specifications

- AI agent–based orchestration and workflow generation in the cloud

- LLM-driven cloud management, optimization, and automation

- Cloud computing applications using Generative AI

- Systems and infrastructure support for GenAI workloads

- Performance and efficiency of Generative AI in cloud systems

These are only suggestions; we welcome papers discussing other issues related to the topics of the special track.

Important Datelines
Inform the Chair as soon as you decide to contribute.
   Submission: Feb 28, 2026
   Notification: Mar 20, 2026
   Registration: Apr 2, 2026
   Camera-ready: Apr 2, 2026

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules:
  http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Papers Submission

https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=CLOUD+COMPUTING+2026+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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