

Welcome to WoAIS1

First International Workshop on AI and Serverless

<https://www.serverlesscomputing.org/woais1/>

Serverless workshop: past and future (AI)

Previous workshops: <https://www.serverlesscomputing.org/workshops/>

This is online workshop: we want you to participate

Discord channel #woais1 and #introductions

Mailing list: <https://groups.google.com/g/future-compute> (60+ members)

Post your questions, share prototypes/demos, discuss anything related to serverless in Slack and post to mailing list

Future events:

Soon WoAIS2: <https://www.serverlesscomputing.org/woais2/>

Paper Submission: September 19, 2026

WOSCx5: send us your ideas (2027?)

Why WoAIS?

Serverless technologies are now more than **ten years old** (!). Serverless now is more than Function-as-a-Service (FaaS) and it is gaining in popularity:

- How recent advances in generative AI, including Agentic Computing, Large Language Models (LLMs) and other types of AI will change serverless?
- We want to evolve the workshop to include AI, hybrid cloud environments, as well as edge and IoT devices. What will be next-gen computing?
- Not just serverless computing but also serverless experience in context of DevOps and Platform Engineering
- New challenges to old concerns such as resource optimization, scaling, cost, monitoring, and ease of use.

How do we work together? Academia and industry? We need an open online forum for discussing the future of Serverless technologies?

Serverless Workshop Future: AI Computing

Topics to consider:

- How to make running AI computing as easy as serverless functions?
- Developer experience as we transition from “traditional” serverless and FaaS
- Supporting AI agents and with serverless approaches in agentic platforms
- Supporting MCP and using it in serverless computing applications
- Elastic AI platforms and pay-as-you-go for GPUs with cost \$/Mtokens
- Supporting customization and running user provided AI models any place - cloud, edge, ...
- Serverless data management for AI, vector and graph databases
- Other topics that you may suggest during the workshop and/or in #woais1?
- See also WoAIS2 CFP

How to make the “workshop” work for you:

- Presenters should join at least 10 minutes before their session starts to test audio/video and screen sharing
- Presenters have short time 5-10-35 minutes - they can leave some time for questions and/or continue discussions in #woais1 discord channel (some talks will be video playback)
 - We will use beep (duck quack) sound 1 minute before end of time slot (4 minutes into the talk) and 2+ beeps (quacks) 1 before your time slot is finished
- Use Zoom “Raise hand” feature to ask question (if there is time for it)

Join #woais1 channel in Discord

Use Discord channel(s) for any discussion or topics related to serverless etc. Discord link:

<https://discord.gg/cPz6C6BU>

Join future-compute mailing

<https://groups.google.com/g/future-compute>

There is a reason why we do the workshop live instead of playing recorded videos - participate to get full value of live workshop!

Join our online polls (next)



Online poll question: What are the main challenges in Serverless Computing?

Answers from WOSCx1 (June 2022), WOSCx2 (June 2023), WoSC9 (Dec 2023), WOSCx3 (June 2024)



What are the main challenges of Serverless Computing?
36 responses



What are the challenges of Serverless Computing?

29 responses



What are the main challenges of Serverless Computing?



Online poll question: What is the future of Serverless Computing?

Answers from WOSCx1 (June 2022), WOSCx2 (June 2023), WoSC9 (Dec 2023), WOSCx3 (June 2024)



What is the future of Serverless Computing ?

33 answers



What is the future of Serverless Computing?

31 responses



What is the future of serverless ?

37 responses



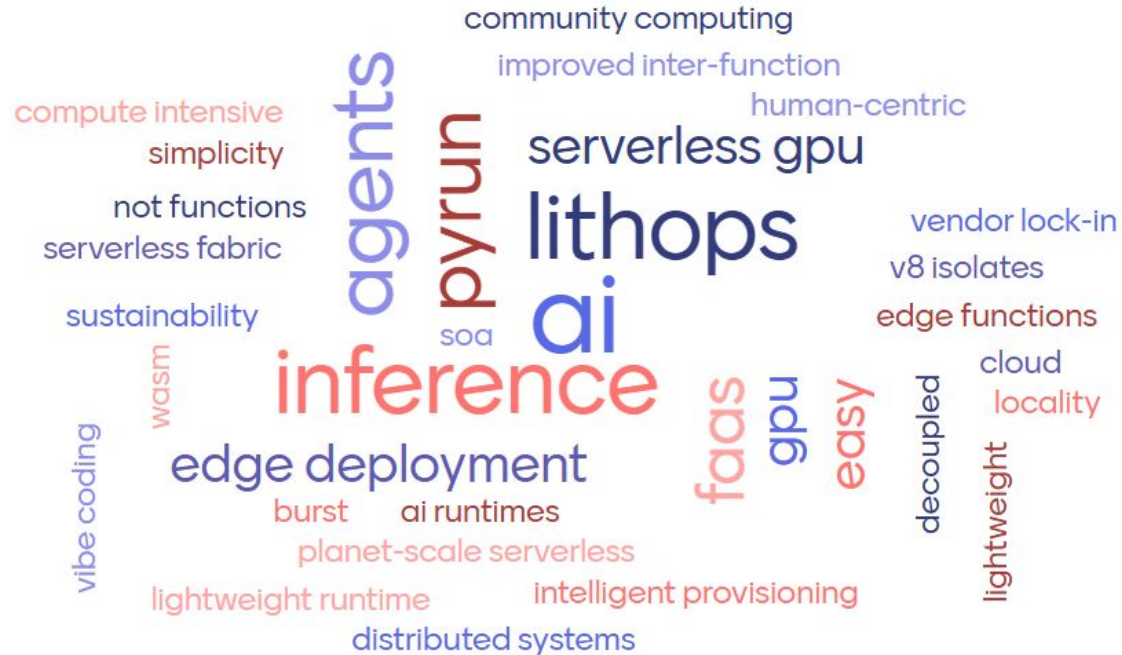
Online poll question: What is the future of Serverless Computing?
Answers from WoSC10 (Dec 2024)

What is the future of Serverless Computing?

22 responses



What is the future of Serverless Computing?



What are current challenges for serverless AI?



What are the main challenges of Serverless Computing?



What is the future of serverless ?



Online poll questions

“Old” questions:

- What are the challenges of Serverless Computing?
- What is the future of Serverless Computing?

New questions:

- *What are the main challenges for serverless AI?*
- How can AI be leveraged for research activities ?

<https://www.menti.com/>

code to join:
4752 9047

What are the main challenges in Serverless AI?



How can AI be leveraged for research activities ?



WoAI2 Call For Papers: 3 months

Paper Submission: September 17, 2026 (AOE)

<https://www.serverlesscomputing.org/woais2/cfp/>

Middleware 2026 Dec 14-18, 2026 in Universitat Rovira i Virgili, Tarragona, Spain

<https://middleware-conf.github.io/2026/>

Your Feedback

Please tell us what works and what does not work.

Google feedback form:

<https://forms.gle/xNJ4xyyyXsb7rfbX7>

Leave us a comment (no email address required)

Or contact us using Discord/BlueSky/X/Twitter:

#woais1 @wosc17.bsky.social @wosc17

Your feedback really matters to us - and to you (to get better workshop in future!)



Let start

- Talks are 5 minutes (demos), 10 minutes (papers), 35 minutes (keynotes + questions)
- One beep sound reminder one minute before time ends (one quack), and multiple sound reminders (quacks) when your time limit is reached
- Make time for questions or plan for discussions in Discord or during breaks
- Use Discord for longer questions and/or continue discussion in #woais1
- Join discord link (and QR):

<https://discord.gg/cPz6C6BU>



Let start with our first keynote!



WoAIS 2026

First International Workshop
on AI and Serverless

Part of 20th ACM International
Conference on Distributed and Event-
based Systems (DEBS 2026), Lisbon,
Portugal (June 23rd-26th 2026).

End questions, Your Feedback

WoAIS feedback form link:

<https://forms.gle/xNJ4xyyyXsb7rfbX7>

Tell us how to make future workshops work better for you. New tools, new ways to organize, what to do more, what to less etc.

Follow us on BlueSky/X/Twitter:
[@wosc17.bsky.social](https://bsky.app/profile/@wosc17.bsky.social) [@wosc17](https://twitter.com/wosc17)

