



The Standards People



ETSI / LINUX Foundation - Edge Hackathon 2022

“Build your Edge Application with ETSI MEC APIs
and LF Edge Akraino Blueprints”

- Driven by LF Edge Akraino and ETSI ISG MEC
- Hosted at Edge Computing World, Europe (June '22) & Global (Oct '22)

<https://europe.edgecomputingworld.com/call-for-edge-developers/>



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ETSI / LINUX Foundation - Edge Hackathon 2022 – The Challenge



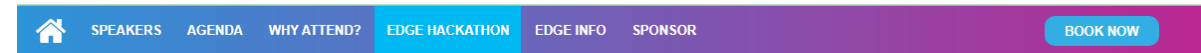
Call for Edge Computing Developers:

Realize an innovative edge application, solution, or use-case utilizing ETSI MEC Service APIs and LF Edge Akraino Blueprints

Hackathon Application Verticals

- 1) **Automotive:** Realize a vehicular use case or service to enable intelligent traffic control, driving capabilities, increased safety, etc.
- 2) **Mixed and Augmented Reality:** Realize an immersive application enabling interactivity of physical systems and human experiences.
- 3) **Edge Computing and 5G:** Deploy and use 5G and hybrid edge infrastructure to enable federation for distributed edge applications

Teams are encouraged to be creative and to propose solutions in other application verticals. We are hoping for some surprises!!

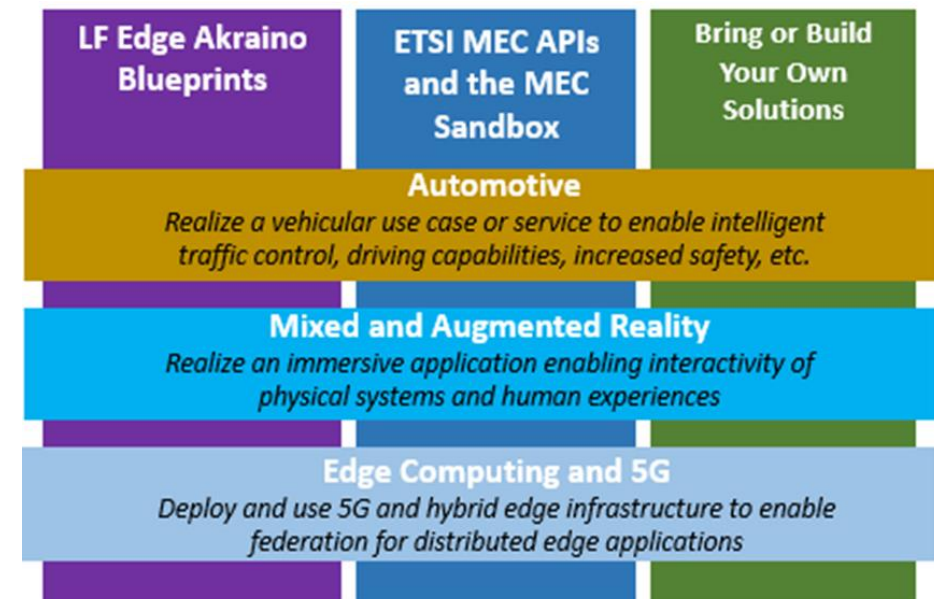


EDGE HACKATHON 2022



ETSI/LINUX Foundation Edge Hackathon

“Build your Edge Application or Solution with ETSI MEC APIs and LF Edge Akraino Blueprints”



<https://europe.edgecomputingworld.com/call-for-edge-developers/>



ETSI / LINUX Foundation - Edge Hackathon 2022 – The Format



Hybrid Remote / Onsite Hackathon:

- Teams participate from anywhere in the world with remote access to LF Edge Akraino Blueprints resources and the ETSI MEC Sandbox (try-mec.etsi.org)
- Hackathon runs remotely from July through September
- Short-list “best” teams will be invited to perform onsite live demonstrations and engage in a “pitch-off” at the Edge Computing World, Global Event (Oct ‘22)
- Cost of participation is free.

Hackathon Timeline:

- Call for Developers – Submissions Open: 1st June
- Hackathon Info Sessions at the *Edge Computing World, Europe*: 22nd June
- Call for Developers – Submissions Deadline: 29th June
- Hackathon starts 1st July and runs through 23rd September
- Mid-Hackathon Check-in: 9th September
- Final Submission Deliveries: 23 September
- Onsite Hackathon Demonstrations and “Pitch-off” at the *Edge Computing World, Global in Santa Clara, Silicon Valley*: 10th-12th October with live judging
- Winner will be selected and announced at the event

Hackathon Organizing Partners



...additional supporters are joining!!!



ETSI / LINUX Foundation - Edge Hackathon 2022


– Judging Criteria and Prizes



Hackathon – Challenge Judging Criteria:

- **Innovation** – How novel is the submitted edge app or service?
- **Credibility** – How realistic is the solution?
- **Use of ETSI MEC Service APIs**
- **Use of LF Edge Akraino Blueprints**
- **Quality** – Quality of submission deliverables
- **Pitch and Demonstration** – For the selected short list

Hackathon – Prizes:

- Several prizes will be awarded including **up to \$20,000 Cash Prizes**, Access to Developer Tools, Access to Incubator Programs, etc.
 - A **\$3,000 special prize** will be awarded to the **best automotive app**, courtesy of the 
- Short-list Teams will be provided with a travel stipend for the Edge Computing World in Santa Clara, Silicon Valley

The screenshot shows the website for the Edge Hackathon 2022. At the top is a navigation bar with links for Home, Speakers, Agenda, Why Attend?, Edge Hackathon, Edge Info, Sponsor, and a Book Now button. Below the navigation bar, the text reads "EDGE HACKATHON 2022" and "ETSI/LINUX Foundation Edge Hackathon". A quote follows: "Build your Edge Application or Solution with ETSI MEC APIs and LF Edge Akraino Blueprints". The main content area features three columns: "LF Edge Akraino Blueprints", "ETSI MEC APIs and the MEC Sandbox", and "Bring or Build Your Own Solutions". Below these columns are three horizontal bars representing challenge categories: "Automotive" (Realize a vehicular use case or service to enable intelligent traffic control, driving capabilities, increased safety, etc.), "Mixed and Augmented Reality" (Realize an immersive application enabling interactivity of physical systems and human experiences), and "Edge Computing and 5G" (Deploy and use 5G and hybrid edge infrastructure to enable federation for distributed edge applications).



ETSI / LINUX Foundation - Edge Hackathon 2022

– Want to learn more?



Visit the Hackathon Website:

<https://europe.edgecomputingworld.com/call-for-edge-developers/>

You will find information of suggested ETSI MEC Service APIs, the ETSI MEC Sandbox Environment, available LF Edge Akraino Blueprints, and optional hosting resources.

Engage and ask questions on Slack:

<https://ecw2022-hackathon.slack.com/>

Experts are available to respond to inquires.

The screenshot shows the website header with navigation tabs: SPEAKERS, AGENDA, WHY ATTEND?, EDGE HACKATHON (selected), EDGE INFO, SPONSOR, and a BOOK NOW button. Below the header, the text reads "EDGE HACKATHON 2022" and "ETSI/LINUX Foundation Edge Hackathon". A quote follows: "Build your Edge Application or Solution with ETSI MEC APIs and LF Edge Akraino Blueprints".

| LF Edge Akraino Blueprints | ETSI MEC APIs and the MEC Sandbox | Bring or Build Your Own Solutions |
|---|-----------------------------------|-----------------------------------|
| Automotive <i>Realize a vehicular use case or service to enable intelligent traffic control, driving capabilities, increased safety, etc.</i> | | |
| Mixed and Augmented Reality <i>Realize an immersive application enabling interactivity of physical systems and human experiences</i> | | |
| Edge Computing and 5G <i>Deploy and use 5G and hybrid edge infrastructure to enable federation for distributed edge applications</i> | | |



A hand holding a transparent tablet that displays a glowing world map in the center. The map is surrounded by a grid of white lines and various data visualization elements, including a bar chart at the bottom left and a line graph at the top left. The background is a soft, out-of-focus blue.

Thank you!!

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