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/

Robert Gazda (InterDigital)
ETSI ISG MEC – Hackathon Lead
https://www.linkedin.com/in/robert-gazda/

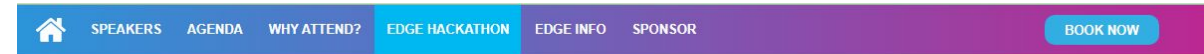# ETSI / LINUX Foundation - Edge Hackathon 2022 – The Challenge

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!!
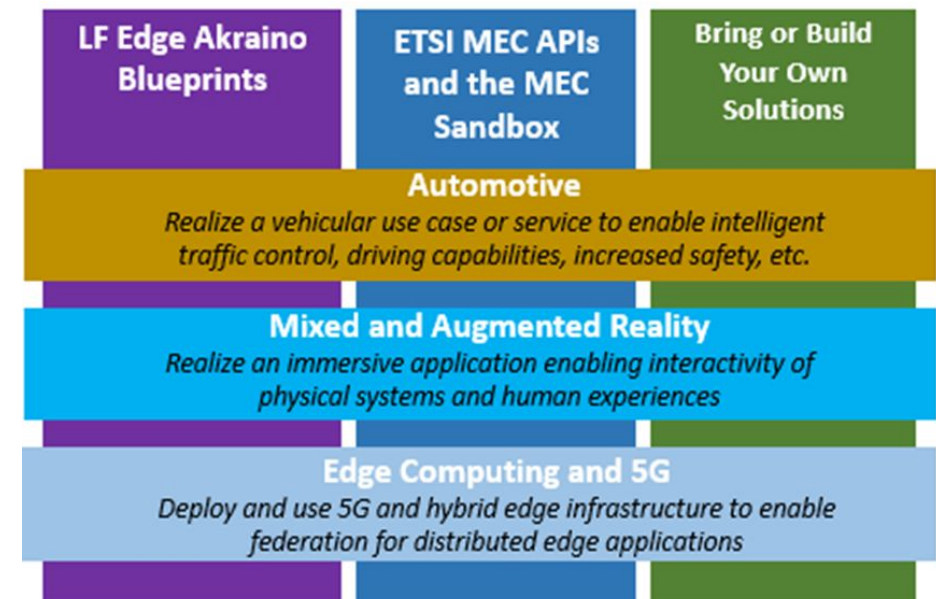

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ETSI / LINUX Foundation - Edge Hackathon 2022 – The Format

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
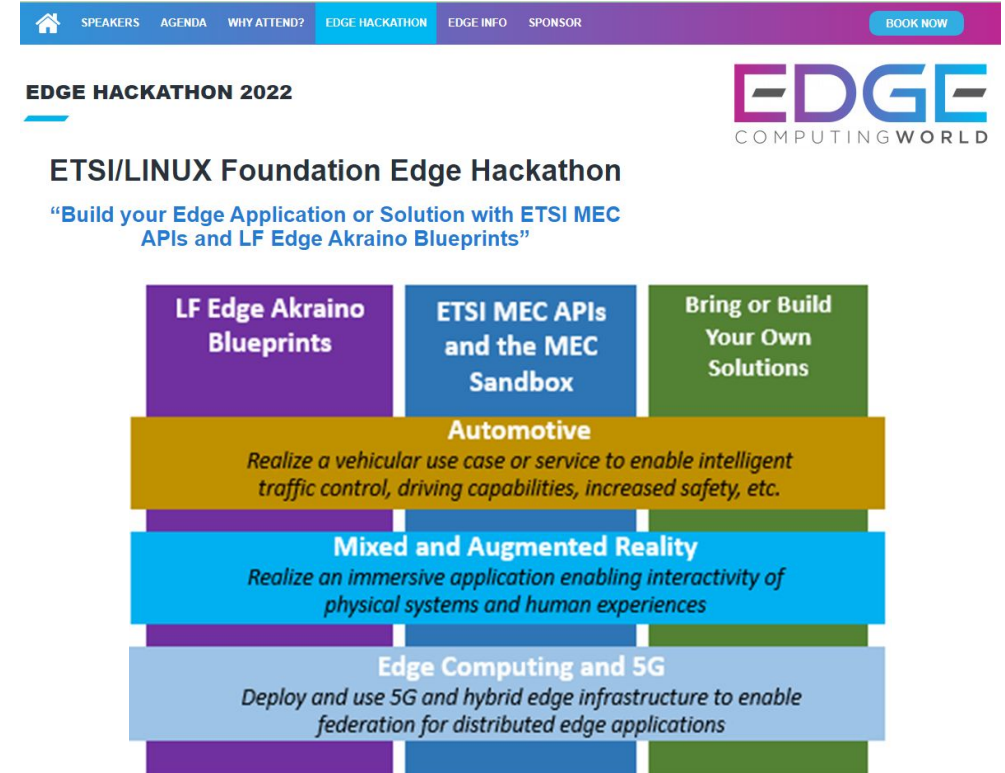## – Judging Criteria and Prizes

Hackathon – Challenging 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:

- Short-list Teams will be provided with a travel stipend for the Edge Computing World in Santa Clara, Silicon Valley
- Several prizes, courtesy of the Hackathon Organizing Committee, will be awarded including Cash Prizes, Access to Developer Tools, Access to Incubator Programs, etc.

EDGE HACKATHON 2022

ETSI/LINUX Foundation Edge Hackathon

"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
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

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:

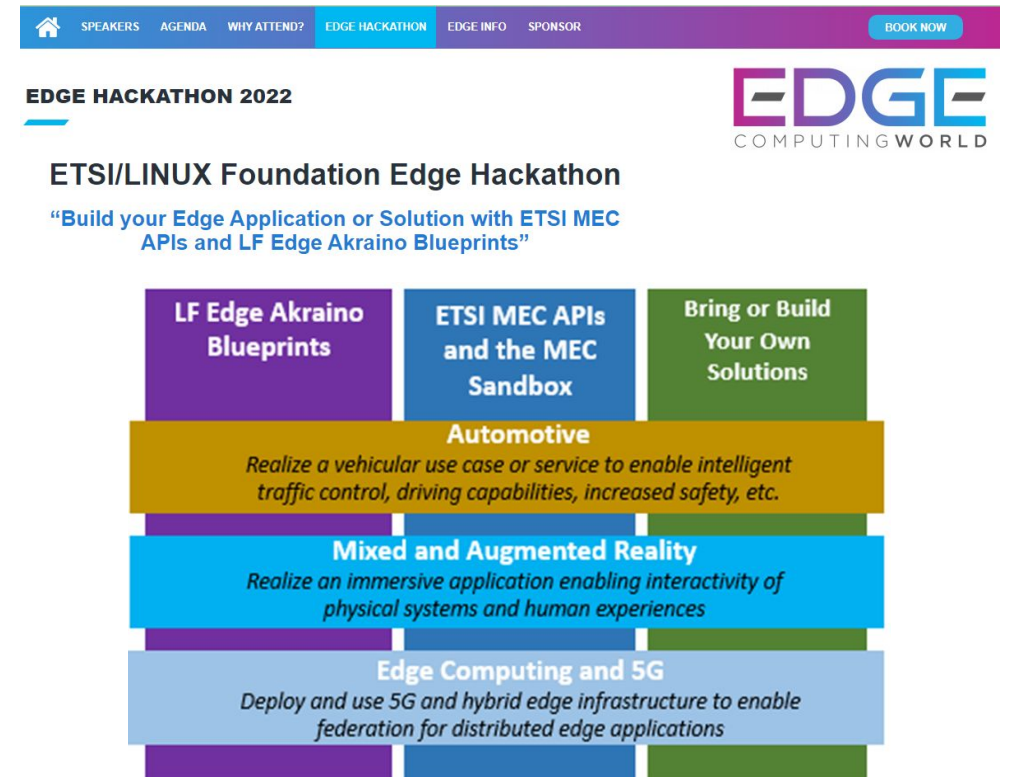https://europe.edgecomputingworld.com/call-for-edge-developers/

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.

Thank you!!

Contacts:

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