

EOSS 2023 CFP



IMPORTANT NOTES BEFORE YOU BEGIN

1. CHOOSE ONE (1) EVENT Embedded Open Source Summit (EOSS) is a new umbrella event for open source embedded projects and developer communities to come together under one roof for important collaboration and education. You will be asked to select the "event" in which you'd like to submit. Each proposal may be submitted to only one event, so please review all carefully before making your selection. We understand some proposals could potentially fit into multiple events. Don't worry, our program chairs are working together to move proposals around as needed for additional review.**2. NO PRODUCT PITCHES PLEASE** Please be sure your submission focuses on open source embedded technologies and/or projects, not products specific to your company. We will not select any talks that look like product or vendor pitches.**3. OPEN SOURCE ONLY** As this is an open source event, talks submitted based on closed or proprietary systems will not be reviewed.



Speaker Details

Are you both the submitter and main presenter?*

- Yes
 No

Submitter Information

Submitter Full Name:* _____
Submitter Company:* _____
Submitter Job Title:* _____
Submitter Email:* _____

Primary Speaker Information

Note: If your talk has more than one speaker, please enter the primary speaker's information below. You will be able to enter information for additional speakers in another section of the form.

Primary Speaker Full Name:* _____
Primary Speaker Company:* _____
Primary Speaker Job Title:* _____
Primary Speaker Email:* _____
Primary Speaker Country of Residence:* _____
Primary Speaker Bio (500 character maximum):* _____
Primary Speaker Twitter Handle: _____



The Linux Foundation is committed to a diverse and inclusive community. The following questions (which are optional) are asked in an effort to track our progress in increasing diversity at events, and will remain confidential. What gender does the primary speaker identify with?*

- Woman
- Man
- Other Gender Identity
- Prefer not to answer



Does the primary speaker identify as a person of color?

- Yes
- No



Which racial/ethnic background does the primary speaker identify with? Select all that apply:

- Asian
- Black
- Hispanic/Latino
- Indigenous Peoples
- Pacific Islander
- Prefer not to answer
- Self-Identify _____



If the primary speaker identifies with any other underrepresented group (disability, LGBTQIA+, etc), please indicate below.

Additional Speaker and/or Panelists

Note: Each session is allowed (1) primary speaker and (1) co--speaker. The primary speaker for a proposal will receive a complimentary conference pass and the co-speaker will receive a discounted conference pass. All submissions with more than 2 speakers are considered panels and should be submitted as a panel discussion. Note that we do not allow panels with only men. For panel discussions, all panelists will receive a complimentary conference pass; there is a maximum of 4 panelists & 1 moderator.

Is this a panel discussion?*

- Yes
- No



The Linux Foundation does not accept panels with only men participating in an effort to increase speaker diversity. In addition, speakers may not all be from the same company. Panel submissions must include the names of all participants in the initial proposal to be considered. By selecting yes here, I confirm that at least one of the participants on this proposed panel identifies as a woman or other gender identity.*

- Yes
- No



As stated above, due to The Linux Foundation's inclusivity policy, no all male panels will be accepted. Please come back and finish your panel discussion proposal when there is a woman or other gender identity participant.

First Panelist

Panelist 1 Full Name:* _____

Panelist 1 Company:* _____


Panelist 1 Job Title:* _____

Panelist 1 Email:* _____

Panelist 1 Country of Residence:* _____

Panelist 1 Bio (500 character maximum):* _____

Panelist 1 Twitter Handle: _____

 Second Panelist

Panelist 2 Full Name: _____

Panelist 2 Company: _____

Panelist 2 Job Title: _____

Panelist 2 Email: _____

Panelist 2 Country of Residence: _____

Panelist 2 Bio (500 character maximum): _____

Panelist 2 Twitter Handle: _____

 Third Panelist

Panelist 3 Full Name: _____

Panelist 3 Company: _____

Panelist 3 Job Title: _____

Panelist 3 Email: _____

Panelist 3 Country of Residence: _____

Panelist 3 Bio (500 character maximum): _____

Panelist 3 Twitter Handle: _____

 Fourth Panelist

Panelist 4 Full Name: _____

Panelist 4 Company: _____


Panelist 4 Job Title: _____

Panelist 4 Email: _____

Panelist 4 Country of Residence: _____

Panelist 4 Bio (500 character maximum): _____

Panelist 4 Twitter Handle: _____

 Is there a co-speaker?*

- Yes
- No

 Co-Speaker

Co-Speaker Full Name:* _____

Co-speaker Company:* _____

Co-Speaker Job Title:* _____

Co-Speaker Email:* _____

Co-speaker Country of Residence:* _____

Co-speaker Bio (500 character maximum):* _____

Co-speaker Twitter Handle: _____



The Linux Foundation is committed to a diverse and inclusive community. The following questions (which are optional) are asked in an effort to track our progress in increasing diversity at events and will remain confidential. What gender does the co-speaker identify with?*

- Man
- Woman
- Other Gender Identity
- Prefer not to answer



Does the co-speaker identify as a person of color?

- Yes
- No



Which racial/ethnic background does the co-speaker identify with? Select all that apply:

- Asian
- Black
- Hispanic/Latino
- Indigenous Peoples
- Pacific Islander
- Prefer not to answer
- Self-Identify _____



If the co-speaker identifies with any other underrepresented group (disability, LGBTQIA+, etc), please indicate below.



 **Submission Details**

 Event*

Please select the event for your submission. (Select one)

- Embedded Linux Conference (ELC)
- Zephyr Project Developer Summit
- Embedded IoT Summit
- Automotive Grade Linux at EOSS

Embedded Linux Conference (ELC)

Launched in 2005, Embedded Linux Conference (ELC) is for companies and developers using Linux in embedded products. It gathers the technical experts working on embedded systems and applications for education and collaboration, paving the way for transformation in these important and far-reaching areas. Select the topic area(s) for Embedded Linux Conference (ELC)*

- Aerospace
- Android (in embedded devices)
- Audio, Video, Streaming Media and Graphics
- Flash Memory Devices and Filesystems
- Boot Speed
- Device Tree and Other Linux Subsystems
- Real-Time Linux - Performance, Tuning, and Use
- SDKs for Embedded Products
- Build Systems, Embedded Distributions, and Development Tools
- Linux in Devices
- Embedded CPU Architectures
- Embedded System Architecture
- Embedded Specific Busses and Communications Paths
- Network and Wireless Technologies in Embedded Systems
- Scaling Linux to fit in Embedded Platforms
- Embedded vs Other Use Cases Within the Linux Community
- Preparing Linux for Future Embedded Requirements
- Trends and Future Direction of Embedded Linux
- Test frameworks and Board Farms
- Security
- System Upgrades
- Linux in Automotive
- Drones
- Robotics
- Practical Experiences and War Stories
- Standards
- Public Infrastructure
- Industrial Automation
- FPGAs and Dynamic Hardware
- Embedded Storage Technologies
- Other, please specify...

 Zephyr Project Developer Summit

Launched in 2021, Zephyr Developer Summit is for developers using or considering Zephyr in embedded products. This year we will be focusing on supporting topics of interest to users of Zephyr, developers contributing upstream, and maintainer specific topics. Select topic area for Zephyr Project Developer Summit* (Select one)

- User
- Developer
- Maintainer
- Other, Please Specify _____



Select a sub-topic area for Zephyr User* (Select one)

- Zephyr in the Field: Practical Experiences and Lessons Learned
- Zephyr Infrastructure and New Developer Onramp

- Machine Learning on Zephyr Systems
- Products Running Zephyr. Example uses of Zephyr in Industrial, Agriculture, Energy, Medical, Aerospace, Wearables, etc.
- Other, Please Specify _____



Select a sub-topic area for Zephyr Developer* (Select one)

- Subsystem Status and Overview
- Updates on Ecosystem, West, Modules, Runtimes, Developer Environments, etc.
- Developer Tooling
- Test Infrastructure, Code Coverage, Tracing, Fuzzing, and Static Analysis Tool
- Power Management
- Connectivity
- Use in Mixed Criticality Systems
- Architecture Support (including Arm® Cortex®-M, Intel x86, ARC, NIOS II, Tensilica Xtensa, and RISC-V...)
- Other, Please Specify _____



Select a sub-topic area for Zephyr Maintainer* (Select one)

- Subsystem Evolution and Planning Discussions (aka Miniconfs)
- Security and vulnerability management
- Secure Device Provisioning and Management
- Safety Certification and LTS management
- Code Quality and Coding Guidelines
- Proposed New Technologies for Inclusion into the Project
- Documentation
- Other, Please Specify _____

Embedded IoT

The Embedded IoT Summit is where system architects, firmware developers and software developers working on resource constrained embedded and IoT products can learn and collaborate for increased development velocity and maximum innovation. Select topic area for Embedded IoT Summit* (Select one)

- Best practices working with Resource Constraints
- Cybersecurity & Safety Considerations for Systems **not based** on Linux
- Outside World Meets IoT RTOSes
- Other, please specify... _____



Select a sub-topic area for Best practices working with Resource Constraints* (Select one)

- Code Footprint Minimization
- Sensor Interaction
- Power Usage
- Open Hardware Support
- Hardware/Software Tradeoffs for Acceleration Technologies
- Other, please specify... _____




Select a sub-topic area for Cybersecurity & Safety Considerations for systems **not based** on Linux* (Select one)

- Best Practices for Handling Vulnerabilities in Open Source Projects
- Secure Bootloaders and Trusted Update Support
- Secure Communication to the Edge
- Considerations for Use in Sandboxes and Non-Linux Virtualization
- Best Practices for Determining the Scope of Edge Autonomy
- Other, please specify... _____



Select a sub-topic area for Outside World Meets IoT RTOSes* (Select one)

- NTP and Synchronization
- Connected Sensors
- EMF/RFI Impact
- Real-Time Considerations
- Communication Technologies
- Other, please specify... _____

 Automotive Grade Linux at EOSS

Placeholder Description Select a topic area for Automotive Grade Linux at EOSS*


- Topic 1
- Topic 2
- Topic 3

 Submission Type*

- Session Presentation (typically 30-40 minutes in length)
- Panel Discussion (typically 30-40 minutes in length)
- Birds of a Feather (typically 45 minutes to one hour in length)
- Tutorial (typically 1.5 - 2 hours in length)
- Lightning Talk (typically 5-10 minutes in length) - DO NOT SELECT FOR EMBEDDED LINUX CONFERENCE

 Is this a technical talk?*

- Yes
- No

 What Skill Level is this talk best suited for?*

- Any
- Beginner
- Intermediate
- Advanced

 Talk Delivery Type*

- In-Person
- Virtual

 Audience Experience Level*


- Beginner
- Intermediate
- Advanced
- Any

 Abstract Title*


If your talk is selected, the Abstract Title you choose will be the Title shown in the conference schedule, often what attendees use as a starting point to determine if they will be interested in the talk. Choose your title carefully - make sure that it accurately describes what your talk will cover. Please use title case when inputting your title here.

 Abstract*


Provide an abstract that briefly summarizes your proposal. Provide as much information as possible about what the content will include. Do not be vague. This is the description that will be posted on the website schedule if your talk is selected, so be sure to spell check, use complete sentences (and not just bullet points) and to write it in the third person (use your name instead of "I"). Remember that this description is what will make an attendee decide whether your session would be a good fit for them. Be sure to provide enough information to help attendees make the right choice. Be clear and concise. The presentation selection process is very competitive, with many proposals rejected. A well written abstract will greatly increase the possibility of the proposal being accepted.

 Audience*

Describe who the audience is and what you expect them to gain from your presentation.

 Benefits to the Ecosystem*

Tell us how the content of your presentation will help better the ecosystem. (We realize that this can be a difficult question to answer, but as with the abstract, the relevance of your presentation is just as important as the content).

 Have you or anyone else given this presentation before?*

Note: If you have given this presentation, please describe in the 'Abstract' box in what ways this version of the presentation will be significantly different.

- Yes
- No




Please provide the below detail of the previous presentation

Conference name: _____

When did the presentation take place (year, month): _____

Please provide a link to the slides and/or video of the previous presentation: _____

 If your session is accepted, would you be open to our PR team contacting you about speaking with media & press onsite?*

- Yes
- No
- Maybe - Please follow up with me closer to the event



 **Additional Details & Speaker Agreements**

 **Are you a first-time speaker?***

We love first time speakers so don't fret about letting us know if you are. We just want to make sure to provide first time speakers with the right resources before the event to make them successful.

- Yes
- No



Would you be willing to attend a first time speakers course online prior to the event if your talk is selected?

- Yes
- No

Additional Resources

The Program Committee reviews many proposals, and having extra resources helps to gauge the speaker's expertise and ability to deliver a talk effectively. Please share a video or audio recording of a previous talk you've given. If you don't have a previous talk recording to submit simply create a quick YouTube video of yourself speaking for a couple of minutes.

	Type of Resource	Details, Links, Etc.
Resource 1	_____	_____
Resource 2	_____	_____

Travel Funding*

Do you require travel funding?

- Yes
 No



Selecting yes does not qualify as a request for funding, and it does not negatively affect the status of your proposal submission. If you select that you need travel funding, we will follow-up with additional details on how to apply.

Code of Conduct*

I agree to abide by the Linux Foundation Code of Conduct *

Slide Deadline Agreement*

I agree to submit my slides no later than 3 days before the event *

Submitting Your Proposal*

Once you have filled in all of the necessary details to your application, be sure to click through **all buttons** to finish the submission process ensuring your proposal is received. The **MARK AS COMPLETE** button on this page Review & Submit button on the next page (in the upper left of your screen) And then, finally, the button that says **SUBMIT YOUR APPLICATION**.

You will receive an automatic email confirmation once you hit the final button.

I have read the above instructions on how to submit this proposal to ensure it makes it to the Review Stage.