

SPECIAL CALL FOR PAPERS

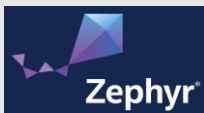
04 – 06.11.2025 ANAHEIM | USA

The **embedded world Exhibition & Conference** is the world's premier event for the embedded systems industry. It brings together researchers and developers, industry and academia from all disciplines of the embedded systems ecosystem and drives the evolution of complex systems of systems and its manifold innovative aspects.

The **embedded world North America Conference in collaboration with the Zephyr® Project** is calling for proposals for a special Zephyr session.

The Zephyr Project is an open source project at the Linux Foundation that builds a secure, connected and flexible real-time operating system (RTOS) for future-proof and resource-constrained devices. It is easy to deploy and manage and supports more than 700 boards running embedded microcontrollers as single and multicore systems.

Zephyr RTOS has a growing set of software libraries that can be used across various applications and industry sectors such as Industrial IoT, wearables, machine learning and more. It is built with an emphasis on broad chipset support, security, dependability, long-term support releases and a growing open source ecosystem.



The **special Zephyr session topics** shall give an overview of new technology trends. The special topics of the Zephyr session will include:

- **Future Evolution:** Content includes new technologies proposed for inclusion or recently included into the project; discussion of roadmaps for communication technologies, architectures, interfaces, benchmarking activities and drivers are encouraged.
- **Market Segment Specific Solutions:** Zephyr use in commercial products and other open source projects has grown impressively. For this track, we are looking for solutions, research, products and projects that leverage Zephyr today.
- **Ecosystem Growth:** When we started the Zephyr Project, we wanted to shape an operating system that could be used securely, as well as in safety critical applications. For those applications to be effectively deployed additional tooling is needed to support Zephyr and complimentary solutions. Learning more about the tools and the features that developers can leverage to help create efficient, secure and safe solutions would be welcome.

 <https://www.embedded-world-na.com/special-cfps>

CONTACT for LF Members | Maemalynn Meanor, maemalynn@linuxfoundation.org

Important dates | Submission until **25 July 2025**, selecting the topic "11.01 Zephyr Project". Authors will be notified by early September 2025.