



## SPECIAL CALL FOR PAPERS

08 – 10.10.2024 AUSTIN, TEXAS | USA

11 – 13.03.2025 NUREMBERG | GERMANY

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 Conference in collaboration with tinyML Foundation** is calling for proposals for a special tinyML technology session. Abstracts can be submitted both for embedded world 2025 (Nuremberg, Germany) and embedded world North America 2024 (Austin, Texas, USA).

Tiny machine learning is a fast-growing field of machine learning technologies and applications including hardware, algorithms and software capable of performing on-device sensor data analytics at extremely low power. The tinyML Foundation sees growing momentum demonstrated by technical progress and ecosystem development.



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

### Impact Across Industries

- explore how tinyML is making a tangible impact across diverse industries.
- showcase the transformative effects of tinyML in real-world scenarios.

### Impactful Technical Advancements

- delve into the latest technical advancements in tinyML, highlighting practical aspects and emphasizing their impact.
- submissions are encouraged in the area of hardware, algorithms, models, software, sensors, and deployment / MLOPS.

### Positive Change – tinyML for Good:

- explore the positive impact of tinyML across themes such as the environment, ethics, security, safety, and reliability.

- highlight how tinyML can contribute to positive change, democratizing AI, and making it accessible to communities that need it most.

### Distributed Solutions:

- discuss and showcase distributed tinyML solutions, low code, federated learning, distributed learning.
- emphasize the scalability of tinyML models, inspiring innovative solutions that can be applied at various levels.

### Standardization and Benchmarks:

- discussion of standards and benchmarks, addressing the need for industry-wide guidelines.

embedded world NA 2024, Austin:



[www.embedded-world-na.com/special-cfps](http://www.embedded-world-na.com/special-cfps)

embedded world 2025, Nuremberg:



[www.embedded-world.eu/special-cfps](http://www.embedded-world.eu/special-cfps)

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**Important dates I Submission** (selecting the topic "11.02 TinyML"):

- for embedded world North America (8-10 October 2024, Austin, TX, USA) until **14 June 2024**, authors will be notified by 16 August 2024.
- for embedded world 2025 (11-13 March 2025, Nuremberg, Germany) until **27 September 2024**, authors will be notified by early December 2024.