



tinyML EMEA Technical Forum 2021

June 7-10, 2021 | Online

CALL FOR PRESENTATIONS AND POSTERS

Call for Student Posters on page two

tinyML® is a fast-growing branch of machine learning technologies, architectures and approaches dealing with machine intelligence at the very edge. It is broadly defined as integrated, “full-stack” (hardware-systems-software-applications), ML architectures, techniques, tools and approaches capable of performing on-device analytics for a variety of sensing modalities (vision, audio, motion, environmental, human health monitoring etc.) at extreme energy efficiency, typically in the single mW (and below) power range, enabling machine intelligence **right at** the boundary of the physical and digital worlds. Following the great success of the virtual 2021 tinyML Summit, we are pleased to announce our second multi-day online event, the [2021 tinyML EMEA Technical Forum \(Europe – Middle East – Africa\)](#) to be held on June 7-10.

To implement the above, the tinyML EMEA Technical Forum Committee invites contributions from tinyML experts from industry, academia, start-ups and government labs. Specifically, we call for abstracts for **Posters (3-5 min talk)** and **Presentations (12-15 minute talk)** in the following areas:

- **Hardware:** tinyML hardware techniques, silicon implementations and design ideas
- **Systems:** tinyML integrated systems and efficient and cost-effective integration techniques
- **Algorithms & Software:** Algorithms, tool stacks, compilers and software supporting the development of tinyML. tinyML machine learning models, and model development techniques.
- **Applications:** Products and applications of tinyML in a broad range of domains, such as user interfacing, biomedical, industrial monitoring, (A)IoT, etc.

Submission Format

- Up to one-page Word document
- The author should clearly state:
 - Problem statement (specific problem that their work focuses on)
 - Relevance to tinyML (as described in Introduction above)
 - Their technical approach and its novelty
 - Results and their significance to the tinyML community
 - Demonstration videos of their work are highly appreciated
 - Authors should indicate their preferred contribution type (Presentation or Poster talk) and whether they plan to submit a pre-recorded demonstration video of their work.

Submission & Review Instructions

Please use [this form](#) to submit your abstract. The Technical Program Committee will review contributions and decide whether to accept as Poster or Presentation talk.

Important Dates

Submission of abstracts **May 15, 2021**
Notification of acceptance (see below)*
Date of Forum **June 7-20, 2021**

tinyML EMEA Technical Forum Committee

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Evgeni Gousev, Qualcomm, USA

Co-Chairs

Theocharis Theocharides, University of Cyprus
Peter Debacker, imec, Belgium

Technical Program Committee

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Carlo Reita, CEA-Leti, France
Andreas Spanias, Arizona State University, USA
Marian Verhelst, KU Leuven, Belgium

Contact Bette Cooper bette@tinymml.org for more information

**Submissions will be evaluated as they come in and notifications of acceptance will be sent on a case-by-case basis. As such we encourage you to submit as soon as possible. We will assign slide deadlines at the time of notification. The latest notice of acceptance will be May 24, two weeks before the start of the event.*

Note: video posters with LIVE Q&As will be recorded and posted in [tinyML YouTube channel](#) after the Forum.

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CALL FOR STUDENT POSTERS

The **tinyML EMEA Technical Forum (Europe – Middle East – Africa)** includes posters and technical presentations. As part of the TinyML EMEA technical forum which will be held June 7-10, 2021, we also invite student posters working in the area of machine learning at the edge or embedded edge machine learning. These student posters will be hosted by EMEA 2021 as part of a larger program that covers hardware, systems, algorithms and software and applications. The student posters will be accompanied by a 3-5 minute live talk by a student that is working in the area. The presentation of your poster will be recorded and posted in the tinyML YouTube channel (www.youtube.com/tinyML) after the forum. The submissions will be reviewed by a technical panel and acceptance notifications will be sent by email as shown in the schedule below. Successful poster abstract submissions must contain TinyML relevant research that is of publishable quality with results at a stage that is beyond a proposed problem statement.

Poster Submission Format

- Title of Poster
- Student Name, Advisor Name
- Affiliation: University and Department
- Abstract of no more than 100 words describing the tinyML poster research to be presented
- Up to 50 words student biography

+ Students with results of publishable quality will have priority (cite any article previously published)

++ State the funding source associated with the poster research presented (if funded)

Submission & Review Instructions

Please use [this form](#) to submit your abstract including all info stated above in a single page pdf file. The Technical Program Committee will review contributions. All accepted poster contributions will be invited to provide a live (3-5 min) presentation of the poster and also submit a pre-recorded video presentation (up to 15 minutes) for hosting on the tinyML EMEA website. Specifications on the poster will be provided upon acceptance.

Important Dates

Submission of abstracts **May 15, 2021**

Notification of acceptance (see below)*

Date of Forum **June 7-20, 2021**

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