

Welcome to Day #5


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Website (tinymledu.org)

SciTinyML

Scientific Use of Machine Learning on Low-Power Devices



TinyMLedu [↗](#)

Home
Schedule May 6-10
Call for Show and Tell Talks
Team

Updated: 3/24
by @plancherb1

Schedule

The workshop will run each day from 1:00 PM to 4:00 PM GMT which is 10:00 to 13:00 in your local timezone (according to your computer system time). Times below adjusted to that time zone. Exact timing and topics subject to change.

Draft Schedule Subject to Change

Day	Date	Topics	Speakers and Materials
Day 1	Monday	Introduction to (tiny)ML 10:00 Workshop Opening and Schedule 10:10 Opening Keynote 11:00 AI and ML Overview 12:00 Education in TinyML 12:45 Day Closing	Marco Zennaro of ICTP Slides Video Gian Marco Iodice of ARM Slides Video Jesús Alfonso López Sotelo of Universidad Autónoma de Occidente Slides Video Vijay Janapa Reddi of Harvard University Slides Video

Slides

Video



<https://tinyml.seas.harvard.edu/SciTinyML-24/>

Website (ictp.it)

Overview

Go to day ▾

Program

Monday, 6 May 2024

Speakers

Material

- Abstract Templates
- Booklet with case studies abstracts
- Poster
- Preliminary list of participants

15:00 - 18:20 Introduction to TinyML

15:00 **Workshop Opening and Schedule** 10'

Speaker: Marco ZENNARO (ICTP, Italy)

15:10 **Opening Keynote** 50'

Speaker: GianMarco IODICE (ARM, Italy)

Material: [Slides](#)

16:00 **AI and ML Overview** 1h0'

Speaker: Jesus LOPEZ (Universidad Autonoma de Occidente, Colombia)

Material: [Slides](#)

17:00 **Introduction to Embedded ML** 45'

Speaker: Robert THAS JOHN (ARM, Italy)

17:45 **Education in TinyML** 30'

Speaker: Vijay Janapa REDDI (Harvard University, USA)

Material: [Slides](#)

18:15 **Day Closing** 5'

Tuesday, 7 May 2024

15:00 - 18:00 The TinyML Hardware, Development Workflow and Demos

15:00 **Day Opening** 5'

15:05 **Open Science with Edge ML** 45'

Speaker: Eric PAN (CEO Seeed Studio)

Material: [Slides](#)

15:50 **Edge Impulse Overview and Update** 45'

Speaker: Shawn HYMEL (Edge Impulse, USA)

Material: [Slides](#)

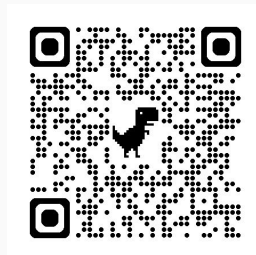
16:35 **Hands-on Motion Classification and Anomaly Detection** 1h20'

Speaker: José Antonio BAGUR NAJERA (Universidad del Valle de Guatemala)

17:55 **Day Closing** 5'

Slides

List of Participants



<https://indico.ictp.it/event/10464>

Workshop Agenda

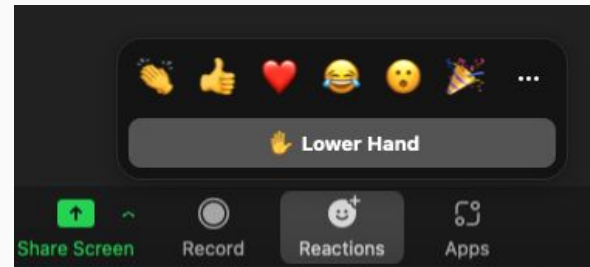
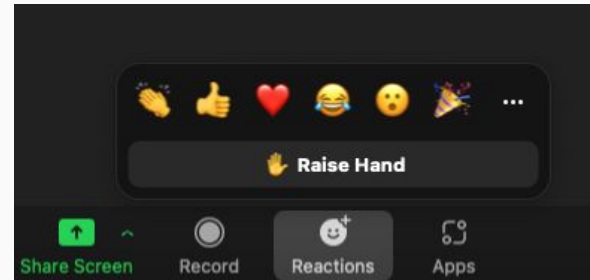
Day 5	Friday	<p>Recent Research and Advanced Topics in TinyML</p> <p><i>10:00 AM</i> Day Opening</p> <p><i>10:05 AM</i> On-Device Learning</p> <p><i>10:50 AM</i> Fingerprinting</p> <p><i>11:35 AM</i> Responsible TinyML</p> <p><i>12:05 PM</i> Workshop Closing and Future Events</p> <p><i>12:25 PM</i> TinyML4D Regional Networking</p>	<p>Marcelo Rovai of UNIFEI</p> <hr/> <p>Marcus Rüb of Hahn-Schickard</p> <hr/> <p>Diego Mendez Chaves of Pontificia Universidad Javeriana</p> <hr/> <p>Brian Plancher of Barnard College, Columbia University</p> <hr/> <p>Marco Zennaro of ICTP</p>
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Interaction

You are more than welcome to ask questions!

Please raise your hand in Zoom to ask questions.

Unmute, turn on your camera and ask your question. Please lower your hand and mute yourself afterwards.



Interaction via Discord

If you have longer questions/ don't want to talk, please use the “**ictp-workshop**” Discord channel. Questions and answers in Discord will remain after the workshop (--> good reference!).

Please join Discord by following this link:

<https://discord.gg/SEwJDsYv>

We will use **Zoom chat only for announcements.**

