



The Abdus Salam  
International Centre  
for Theoretical Physics



# Workshop on Machine Learning on Low-Power Devices: Applications and Advanced Topics

## Description:

TinyML empowers machine learning technologies to conduct on-device analytics of sensor data with remarkably low power consumption. This opens the door for the development of novel applications at an exceptionally affordable cost and on a large scale.

## TOPICS:

- Introduction to TinyML
- The TinyML Development Workflow
- TinyML Applications
- Scientific Applications of ML
- Recent Research and Advanced Topics in TinyML



**6 - 10 May 2024**



**Online**



**Deadline:  
26 April 2024**

## DIRECTORS:

B. PLANCHER, Barnard College  
V. J. REDDI, Harvard University  
M. ROVAI, UNIFEI, IESTI  
M. ZENNARO, ICTP

## LOCAL ORGANISER:

M. ZENNARO, ICTP

## FURTHER INFORMATION:



E-mail: [smr3926@ictp.it](mailto:smr3926@ictp.it)

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

Female scientists are encouraged to apply.

## REGISTRATION:

There is no registration fee.



Harvard John A. Paulson  
School of Engineering  
and Applied Sciences

