

Welcome to Day #2

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Workshop Agenda

Hands-on Embedded ML - Anomaly Detection with Edge Impulse

3:00 PM Day Opening

3:05 PM Introduction to Edge Impulse

3:20 PM Connecting the TinyML Kit and Edge Impulse

3:35 PM Supervised Learning and Motion Classification

3:50 PM Hands-on Motion Classification

4:35 PM Unsupervised Learning and Anomaly Detection

4:50 PM Hands-on Anomaly Detection

5:35 PM Conclusion and Q&A

5:55 PM Day Closing

[Marcelo Rovai of UNIFEI](#)

[Shawn Hymel of Edge Impulse](#)

[Slides Part 1](#) | [Part 2](#) | [Part 3](#) | [Part 4](#) | [Part 5](#) | [Part 6](#)

Day 2

Tuesday

Lecturers: Marcelo Rovai



Brazilian from São Paulo, Data Science Master's degree by UDD, Chile, and MBA by IBMEC (INSPER), Brazil.

Graduated as an Engineer from UNIFEI with Specialization from Poli/USP, both in Brazil.

Writes about electronics, publishing in sites as MJRoBot.org (Editor/Writer), Hackster.io (#1 Contributor), Instructables.com, and Medium.com (TDS – Towards Data Science)

Lecturers: Shawn Hymel



Senior DevRel Engineer at Edge Impulse

Technology Marketing Strategist, Advisor, and Content Creator

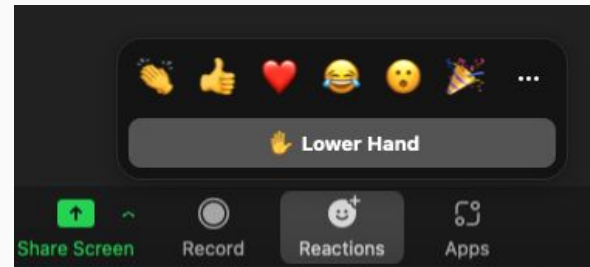
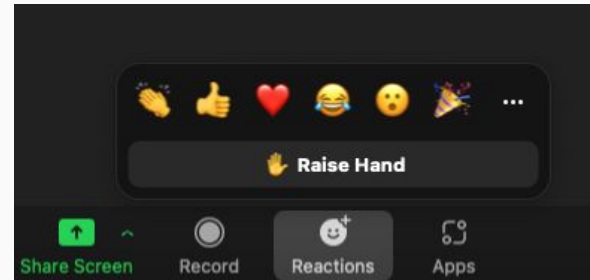
“I get people excited about electronics and software, and in the process, teach them new skills and concepts. Through videos, blogs, and in-person workshops, I create memorable experiences for audiences.”

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/fFTmVGtq> if you haven't already done so!

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