Today's Session Is Being Recorded

Lava Community WG will begin at 11:05 PDT / 14:04 EDT / 20:05 CET

This session is being recorded and will be made available for viewing by others by invitation.

If you do not wish for your voice to be recorded, please place your phone on mute for the duration of the session.

If you wish to ask a question or make a comment, please do not disclose any information that is confidential to you, your employer, or any third party.

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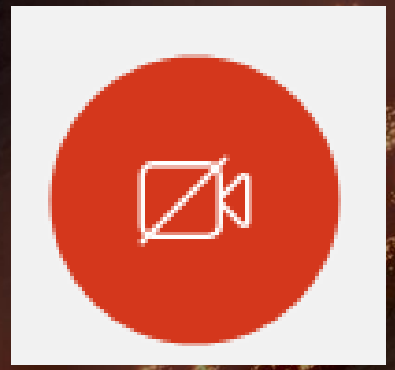

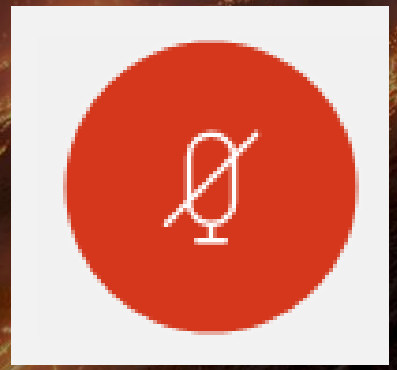

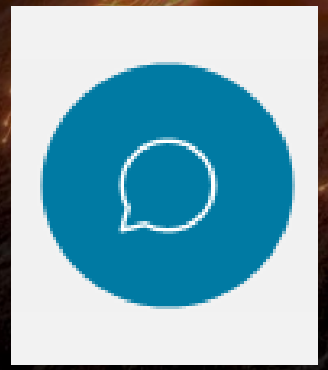

RECORDING
IN PROGRESS


intel labs
Lava Community Working Group
INRC Spring Workshop 2022
Host: Andreas Wild & the Intel Lava team
Neuromorphic Computing Lab
intel
LAVA

Lava Community Working Group

Goal:

Ensure we solve your problems with Lava together!

Host(s): Andreas Wild + Intel Lava team

Questions we will discuss:

- Does Lava's vision resonate with you?
- What matters to you the most?
- Does Lava have the right architecture and feature set?

Agenda

- The Lava Community
- New Lava Developer Forum (LDF) meeting series
- Reminder: How to get involved in Lava
- Discussion

Lava Community

Academia

intel

Individuals

National Labs

Corporations

Goals:

- Establish thriving community of Lava developers
- Development model:
  - From "Intel develops Lava for community"
  - To "Intel develops Lava with community"
- Organize regular informal events
- Drive open-source development:
  - Brainstorm
  - Find consensus
  - Design, discuss, plan, prioritize new features/projects
- Share knowledge, progress & feedback

New LDF meeting series

Towards a thriving Lava community

- Intel organizes regular (informal) LDFs
  - 1-2h sessions
  - Monthly?
  - Intel to drive
  - Increasing community contributions over time
- Content:
  - Share latest developments, features, BKMs
  - Discuss & prioritize new plans, designs
  - Open discourse
- Format open to evolve as needed

Q&A

Thank you to our community contributors!

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Discussion – Ask or discuss anything!

Some discussion starters…

General questions:

- Does Lava's vision resonate with you?
- What matters to you the most?
- Does Lava have the right architecture and feature set?
- How to maximize usefulness of Lava Community and LDF?
- How would you prefer to communicate within community?
- Any questions to Intel?

Specific questions:

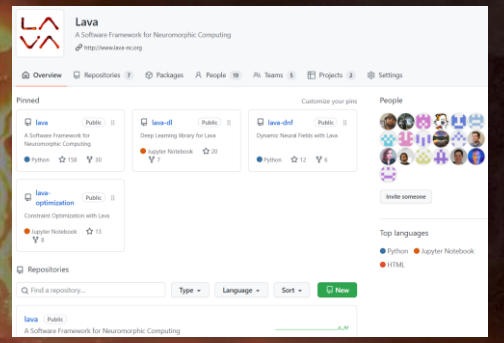
- Feedback on Lava user interface?
- What Lava features are of highest priority to you?
- Do you seek collaborators or want to join an existing project?
- Are you interested to add additional neuromorphic devices or peripherals?

Reminder: Ideas how to get involved in Lava

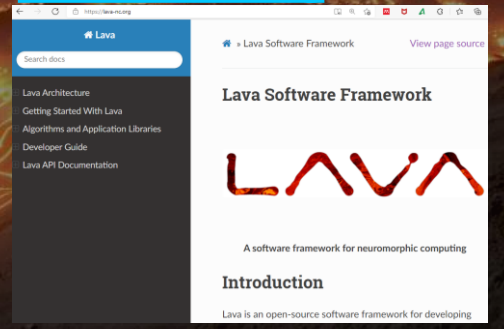
- Start using Lava and sharing your code
- Build models with Lava and share your code
- Port common models and algorithms to Lava
- Connect Lava to other frameworks and tools
- Help support more neuromorphic devices
- Extend lava-dl training with additional methods
- Work on new Lava libraries (e.g. lava-evolve, lava-robotics)
- Benchmarking suite

Or dive into the Lava core and help solve efficient SNN compilation, fast multi-node execution, flexible quantization algorithms, and many more deep technical challenges!

www.github.com/lava-nc



www.lava-nc.org



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