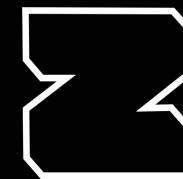




FINOS

Fintech
Open Source
Foundation

Antitrust Policy



All project meetings are subject to the Linux Foundation Antitrust Policy.

The following topics must not be discussed:

- Price-sensitive information
- Actual or projected changes in production, output, capacity or inventories
- Matters relating to bids, prospective bids, or bid policies
- Matters relating to actual or potential individual suppliers that might influence the business conduct of firms toward such suppliers
- Matters relating to actual or potential customers that might have the effect of influencing the business conduct of firms toward such customers
- Current or projected costs of procurement, development or manufacture of any product
- Market shares for any product or for all products
- Confidential or otherwise sensitive business plans or strategy

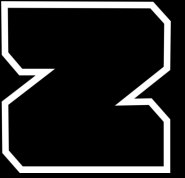
If you have questions, please contact legal@finos.org



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Meeting Notice



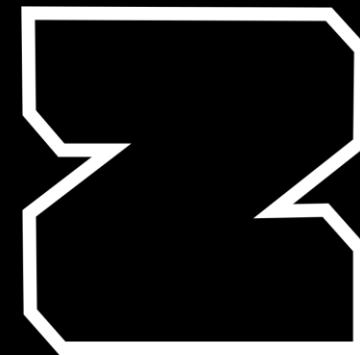
- FINOS Project leads are responsible for observing the FINOS guidelines for running project meetings. Project maintainers can find additional resources in the [FINOS Maintainers Cheatsheet](#).
- All participants in FINOS project meetings are subject to the [LF Antitrust Policy](#), the [FINOS Community Code of Conduct](#) and all other [FINOS policies](#).
- FINOS meetings involve participation by industry competitors, and it is the intention of FINOS and the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws. Please contact legal@finos.org with any questions.
- FINOS project meetings may be recorded for use solely by the FINOS team for administration purposes. In very limited instances, and with explicit approval, recordings may be made more widely available.



Zenith

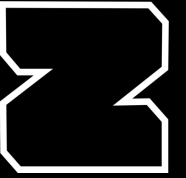
Emerging Technology
Special Interest Group
July 25th, 2024

Please add your attendance to:
<https://github.com/finos/zenith/issues/154>



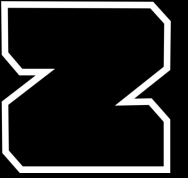
We use a lot of QR Codes
Get your phone ready!

Agenda



- Announcements & Events
- Neurotechnology & You
- Calls to Action
- AOB

OSFF New York



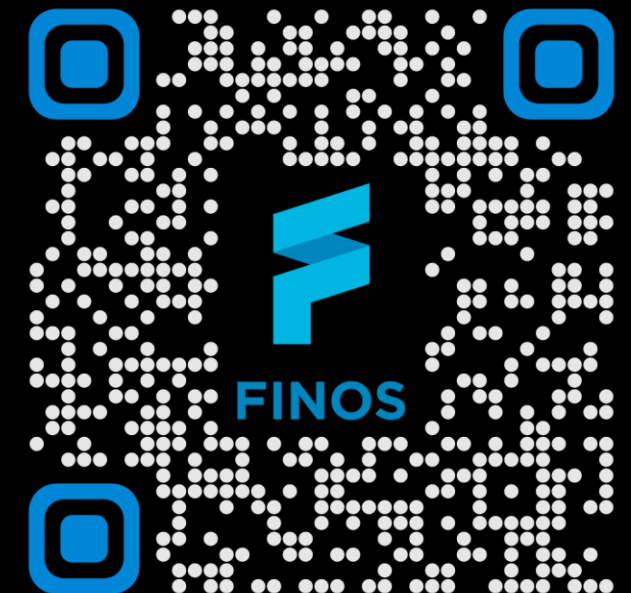
Sept 30 & Oct 1

New York Marriott Marquis,
NYC, NY



The only conference dedicated to driving collaboration and innovation in financial services through open source software and standards.

We bring together experts across financial services, technology, and open source to engage our community in stimulating and thought-provoking conversations about how to best (and safely) leverage open source software to solve industry challenges.



AnitaB.org Boston Networking



August 28

Coolidge Corner Theatre,
Boston, MA



Join us for an evening of networking and great food in the community room followed by a private showing of **"Code: Debugging the Gender Gap"** in MovieHouse 6 at the newly renovated Coolidge Corner Theater!

"Code: Debugging the Gender Gap" is a 2015 documentary that explores the reasons behind the lack of women and minorities in computer science and the software industry. It doesn't focus on debugging code itself, but rather on debugging the societal and cultural reasons that lead to this gender gap.



Grace Hopper Celebration 2024



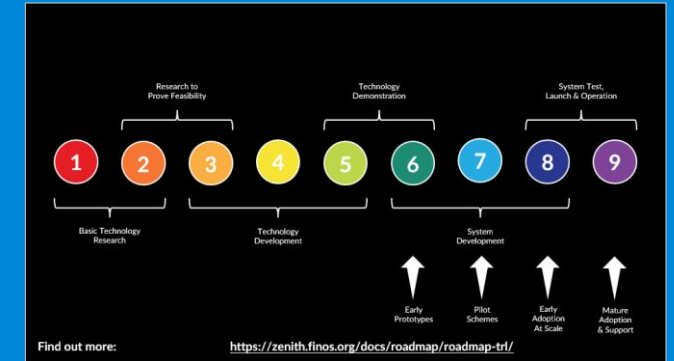
Sept 30 & Oct 1

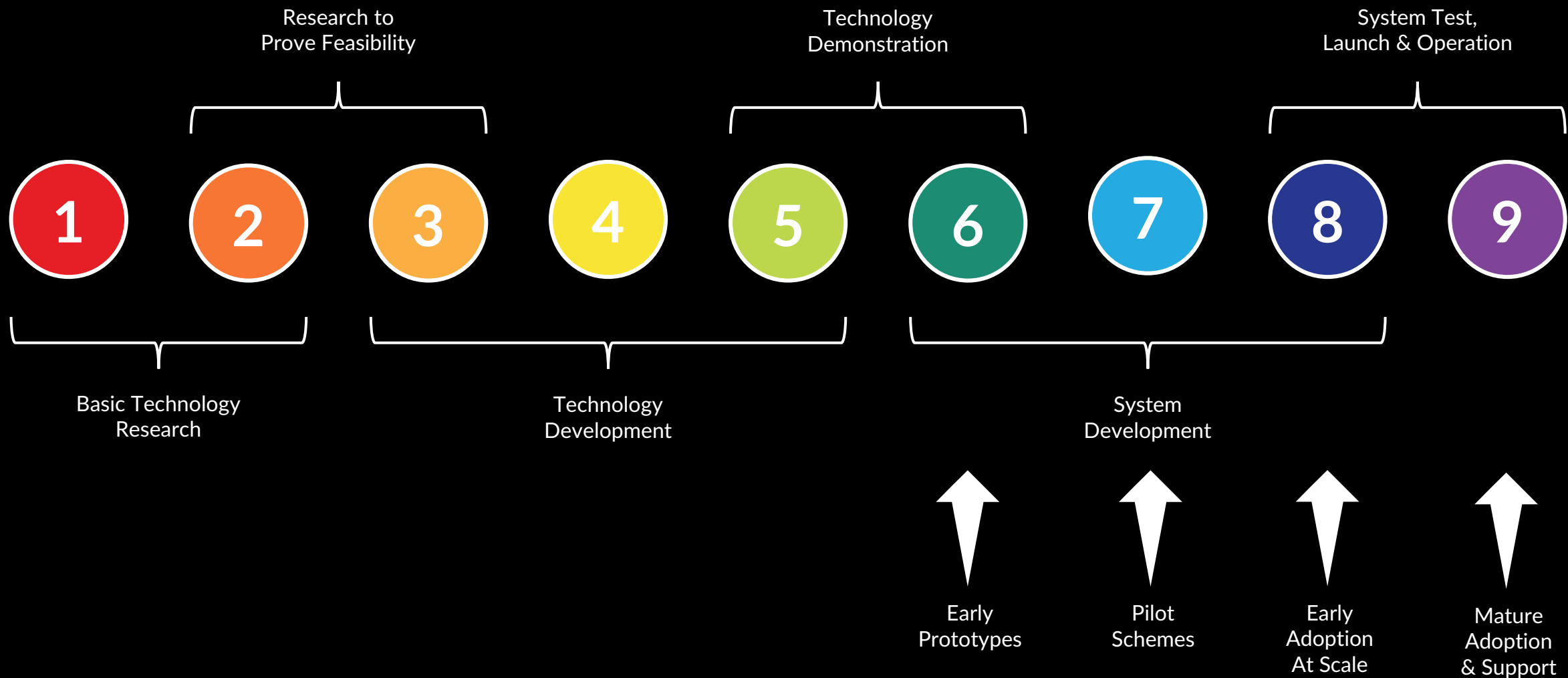
Philadelphia, PA
& Virtual

Join us at GHC where a FINOS panel will explore practical steps for **tackling bias in software engineering and Gen AI**, drawing on best practices around **AI Fairness** and **FINOS' AI Readiness project**, which brings together leading FSIs and tech practitioners to develop a responsible Governance Framework & uses case to ensure trust, inclusion and safety are at its heart—raising the bar towards a more equitable and inclusive tech future.



Neural Technology





Find out more:

<https://zenith.finos.org/docs/roadmap/roadmap-trl/>

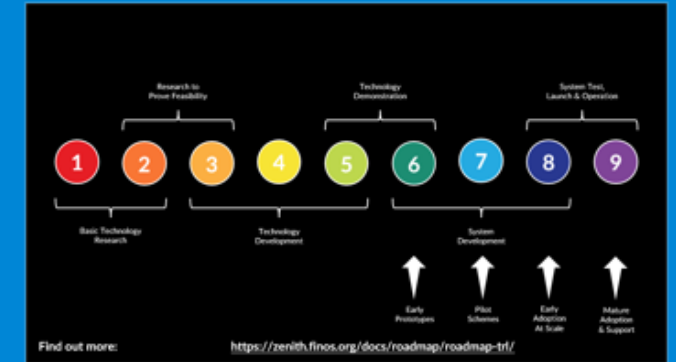
Neural Technology



Neurofeedback



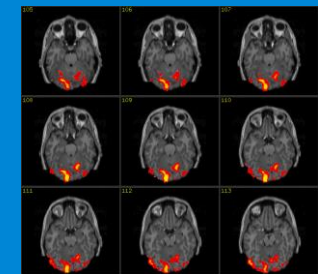
Neuroprosthetics



Brain-Computer
Interfacing



Transcranial Magnetic
Stimulation (TMS)



Functional Magnetic
Resonance Imaging
(fMRI)

Neural Technology & Finance



David Eagleman

Can we create new senses
for humans?

eagleman.com

Cognitive
Augmentation



Viviani & Vallesi

EEG-Neurofeedback & executive
function enhancement in healthy adults

<https://doi.org/10.1111/psyp.13874>

Trader Performance
Optimization



Columbia University

Cognition
& Decision Lab

cognition.econ.columbia.edu

Neuroeconomics
Research

Neurofeedback Guest Speaker



Barry Downing
Bearbridge Group

Neurofeedback
Specialist

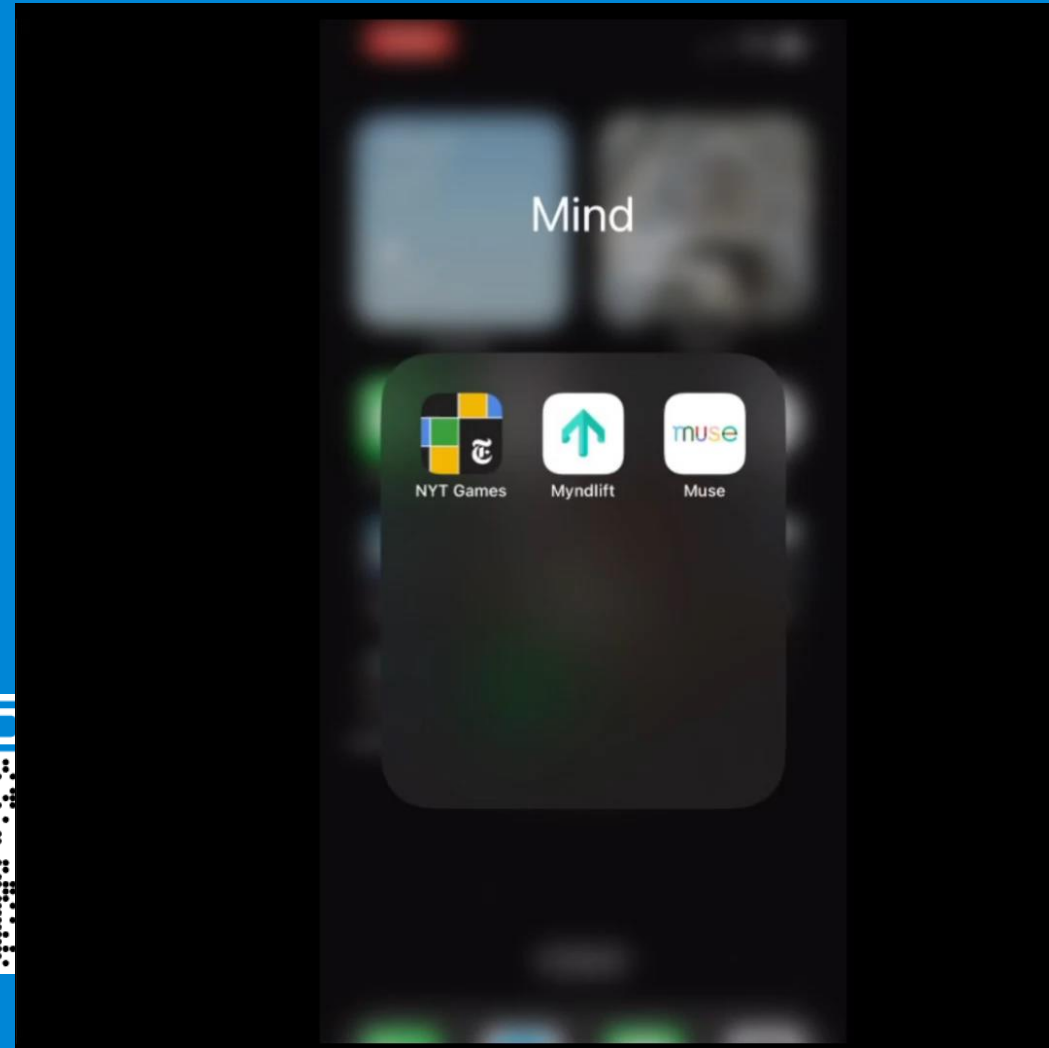


Neurofeedback Guest Speaker



Barry Downing
Bearbridge Group

Neurofeedback
Specialist

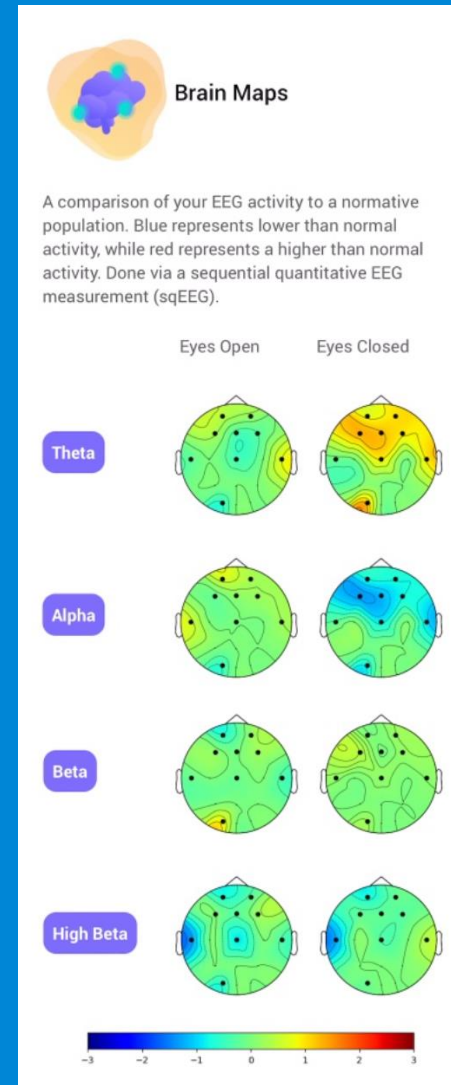


Neurofeedback Guest Speaker



Barry Downing
Bearbridge Group

Neurofeedback
Specialist



Neurofeedback Guest Speaker



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Bearbridge Group

Neurofeedback
Specialist



ADHD Rating Scale for Adults (ASRS)

9



The Adult ADHD Self-Report Scale (ASRS) – DSM-V is a 6-item screening questionnaire intended as a diagnostic aid for adults with attention deficit hyperactivity disorder (ADHD) in community settings.

Perceived Stress Scale (PSS)

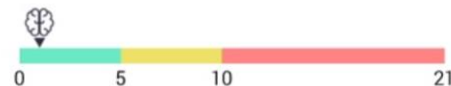
10



The Perceived Stress Scale (PSS) contains 10 items designed to assess experienced stress by asking the respondent about feelings and thoughts related to various situations over the previous month. It is widely used in clinical and research settings.

Anxiety Scale (GAD-7)

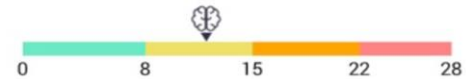
1



The Generalized Anxiety Disorder Assessment (GAD-7) contains 7 items that assesses symptoms of anxiety during the last two weeks. It is widely used in clinical and research settings.

Insomnia Severity Index (ISI)

12



The Insomnia Severity Index (ISI) contains 7 items measuring perception of insomnia severity based on sleep-onset and sleep maintenance difficulties, early morning awakening, satisfaction with sleep, interference with daily functioning, noticability of impairment, and distress.



Neurofeedback Guest Speaker



Barry Downing
Bearbridge Group

Neurofeedback
Specialist



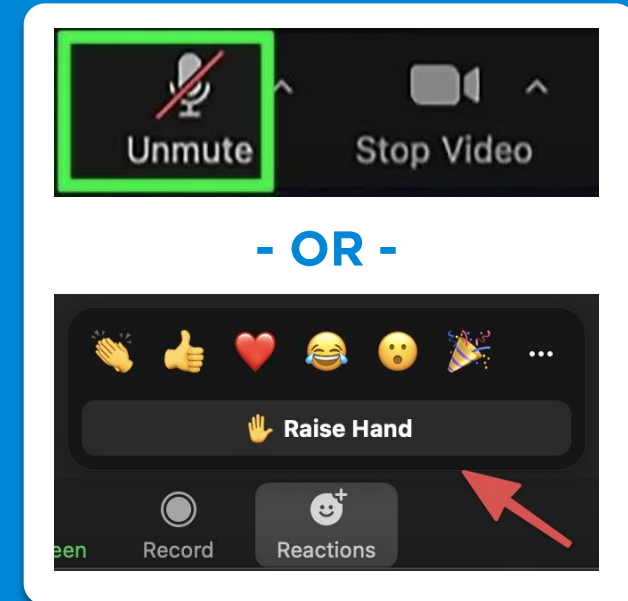
- Accessibility
 - New ways to interface
 - Real-time Assistance
- Security & Authentication
 - Can we use brain waves to authenticate?
- Trading & Investment
 - Cognitive Load & Focus Levels
 - Cognitive Bias'
 - Behavioural Insights

Neurofeedback Guest Speaker



Barry Downing
Bearbridge Group

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Feel free to **unmute**
now or **raise hand**
to get unmuted

Want to contribute?



Join the Discussion on Neural Technology

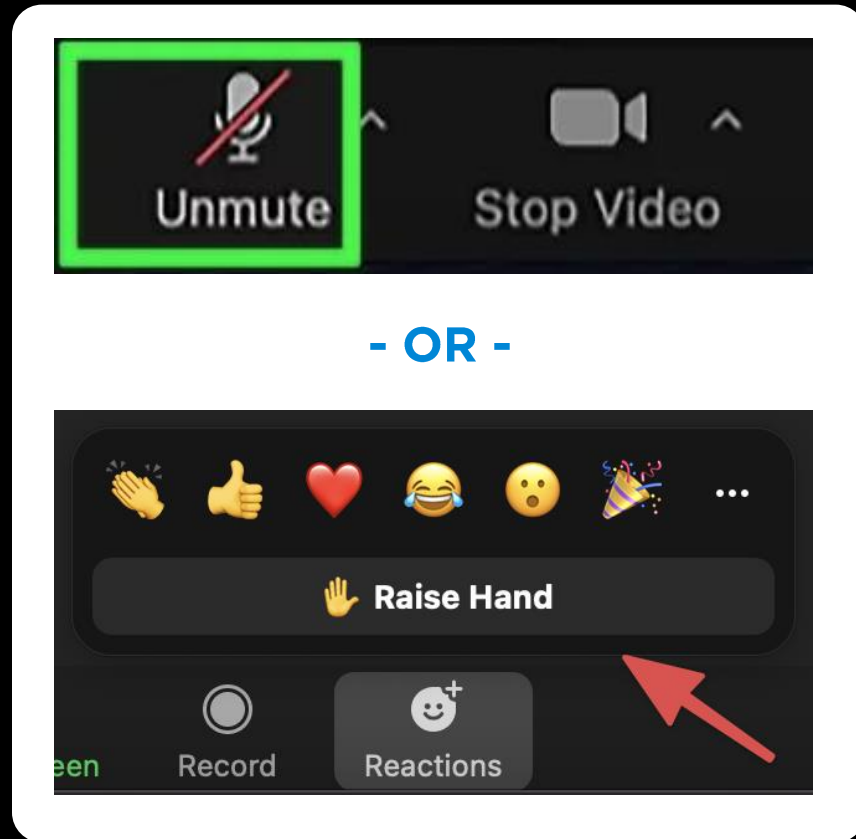
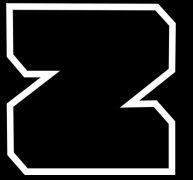
- Share thoughts and ideas
- Help us shape our experiments
- Dream up your own ideas



Submit a different idea on the GitHub

- A chance to highlight your desired areas of exploration
- Why not seed topics to discuss with peers?
- We are always happy to give projects or work some spotlight

Any Other Business



Feel free to **unmute**
now or **raise hand**
to get unmuted



Thank you



Join the discussion at
zenith.finos.org



Join the mailgroup!

