



Kavli
NEUROSCIENCE
DISCOVERY
INSTITUTE

Annual Symposium 2025

Illuminating the Brain

A Dialogue Between Neuroscientists and Optical Engineers

April 9 // 1 to 7 p.m.

Mountcastle Auditorium, 725 N. Wolfe Street, Baltimore, MD 21205

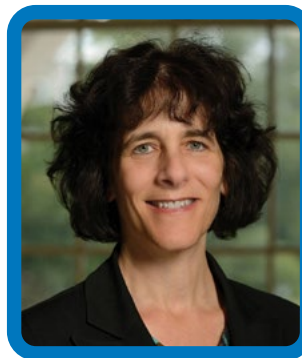
Join us for an insightful discussion on the recent developments and unmet challenges in neurophotonics. Through a series of talks and discussions, let's explore how cutting-edge advancements in the field can enhance our understanding of the structure and function of the brain.

Keynote



CHRIS XU
CORNELL UNIVERSITY

Invited Talk

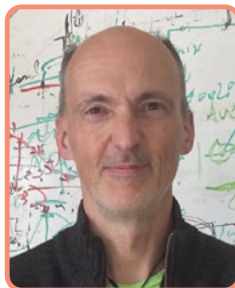


CYNTHIA MOSS
JOHNS HOPKINS
UNIVERSITY

Discussion Panelists



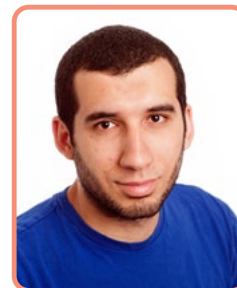
ADAM CHARLES
JOHNS HOPKINS
UNIVERSITY



PATRICK KANOLD
JOHNS HOPKINS
UNIVERSITY



TOMOMI KARIGO
JOHNS HOPKINS
UNIVERSITY



AHMED ABDEFATTAH
BROWN UNIVERSITY



Ji Yi
JOHNS HOPKINS
UNIVERSITY

This event is open to all Hopkins affiliates.
Please RSVP here:

Doctoral and post-doctoral trainees interested in presenting a poster,
email sviswa10@jhmi.edu or KavliNDI@jhu.edu





Agenda

1 to 1:15 p.m.

Opening Remarks

Dwight Bergles, Professor, Department of Neuroscience, Director Kavli NDI

1:25 to 1:50 p.m.

Keynote

Chris Xu, IBM Professor of Engineering and Director of the School of Applied and Engineering Physics, Cornell University

1:50 to 2 p.m.

Q&A

2:15 to 3:15 p.m.

Panel Discussion—Recent Advances and Ongoing Challenges in the Field

Panelists:

Patrick Kanold, Professor, Biomedical Engineering, JHU

Adam Charles, Assistant Professor, Biomedical Engineering, JHU

Tomomi Karigo, Assistant Professor, Neuroscience, JHU

Ahmed Abdelfattah, Assistant Professor, Brown University

Chris Xu, IBM Professor of Engineering and Director of the School of Applied and Engineering Physics, Cornell University

Moderator:

Ji Yi, Associate Professor, Biomedical Engineering, JHU

3:20 to 3:35 p.m.

Break

3:45 to 4:10 p.m.

Invited Talk

Cynthia Moss, Professor of Psychological and Brain Sciences, JHU

4:15 to 4:25 p.m.

Q&A

4:30 to 5:30 p.m.

Lightning Talks from Trainees

5:40 to 5:50 p.m.

Closing Remarks

Michael Miller, Professor, Biomedical Engineering, Co-Director Kavli NDI

6 to 7 p.m.

Reception and Poster Presentation

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