Science Hub

MIT Schwarzman College of Computing
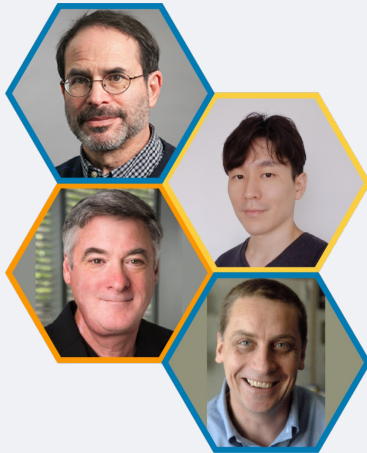
amazon

Bridging industry and academia, the Science Hub helps create and support innovative research and outreach efforts in the fields of AI, robotics, computing and engineering.

Explore the Science Hub

Highlights

Science Hub Awards Announced

Amazon Science | July 13, 2022

Amazon and MIT named the four awardees from the inaugural call for research projects as part of the Science Hub.

Read the Announcement

Five MIT graduate students named Amazon Fellows by the Science Hub

Awarded by the Science Hub, these fellowships will provide support to pursue research in the fields of artificial intelligence and robotics.

Meet the Fellows

Upcoming Events

AI & Robotics Reception
October 19, 2022 | 4-6PM ET | MIT

In person - Meet, connect, and network with MIT faculty, students, and researchers in the fields of machine learning, AI, and robotics.

Event Information

Inspiration Series
October 27, 2022 | 4-5PM ET | MIT

Hybrid - This event series will feature research presentations and Q&As with the graduate student recipients of the Science Hub's Amazon Alexa Fellows.

Event Information

Science Hub Symposium
December 7, 2022 | 10AM-5PM ET | MIT

Hybrid - MIT and Amazon researchers will highlight past collaborations and explore new ones. The symposium is also an opportunity for researchers to discuss projects to submit to the Science Hub annual call for proposals.

Event Information

In the News

Q&A: Warehouse robots that feel by sight
MIT News | July 25, 2022

Neuroscience professor and Science Hub investigator Ted Adelson explains how simulating the sense of touch with a camera can make robots smarter.

A helping hand for robotic manipulator design

MIT News / May 25, 2022

With modular components and an easy-to-use 3D interface, this interactive design pipeline enables anyone to create their own customized robotic hand.

Q&A: Alberto Rodriguez on teaching a robot to find your keys

MIT News / March 29, 2022

Associate professor and Science Hub investigator Alberto Rodriguez discusses the future of robotics and the importance of industry-academia collaborations.

Real-world robotic-manipulation system

Amazon Science / March 15, 2022

Amazon Research Award recipient Russ Tedrake is teaching robots to manipulate a wide variety of objects in unfamiliar and constantly changing contexts.
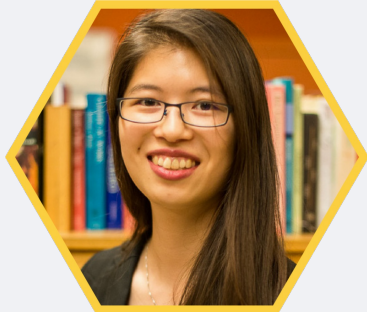
Q&A: Cathy Wu on developing algorithms to safely integrate robots into our world

MIT News / December 16, 2021

Cathy Wu, assistant professor of civil engineering, describes her career in robotics as well as
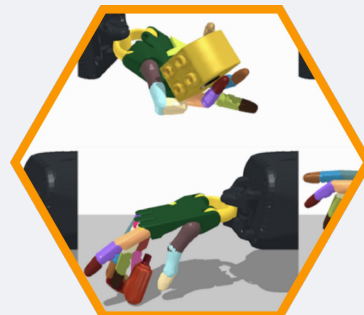
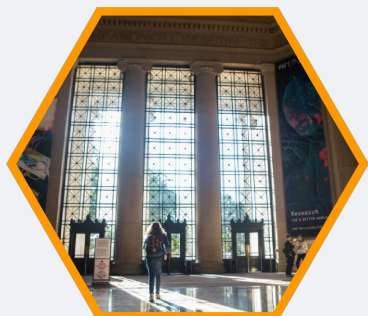challenges and promises of human-robot interactions.

Read More

Dexterous robotic hands manipulate thousands of objects with ease

MIT News | November 12, 2021

Model-free framework reorients over 2,000 diverse objects with a hand facing both upward and downward, in a step toward more human-like manipulation.

Read More

MIT and Amazon establish Science Hub

MIT Schwarzman College of Computing | October 4, 2021

With the goal of increasing connections and fostering the growth of the research community in computing, the Science Hub launches today as a new collaboration established by MIT and Amazon.

Read More

Announcements

MIT EECS Career Fair

September 22, 2022 | 4-7PM ET | MIT E15 Lower Atrium

In person at MIT- EECS career fair is a flagship event for industry to network with EECS students and researchers who are looking for positions in electrical engineering, computer science, and artificial intelligence. Amazon will be represented at the career fair.

AI Policy Forum Summit

September 28, 2022 | 9AM-5PM ET

Virtual - Hosted by the MIT AI Policy Forum — an initiative of the MIT Schwarzman College of Computing — leaders from government, business, and academia will convene for a day-long dialogue focusing on the global policy challenges surrounding the deployment of AI in key areas such as development of truly trustworthy AI, the challenge of making AI work for consumers in finance, and charting a viable path towards social media reform.

AI Policy Forum Summit
September 28, 2022

Register

Amazon Research Awards

Call for proposals
Fall 2022
amazon research awards

The fall 2022 call for proposals is now open, covering four research areas: AWS AI, AWS Automated Reasoning, Prime Video, and Sustainability. This call for proposals reflects Amazon's ongoing efforts to collaborate with researchers in a variety of areas, and provides grant recipients unrestricted funds and AWS promotional credit.

The deadline for submissions is October 19, 2022.

Submit your Proposal

Amazon Postdoctoral Science Program

Amazon launched The Amazon Postdoctoral Science (APS) program for upcoming and recent graduates in the fields of Machine Learning, Robotics, Computer Science, Artificial Intelligence, and Economics.

Learn about the Program

Register to receive future communications here:
sciencehub@mit.edu