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.

**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.

**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.

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

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

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 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

Cathy Wu, assistant professor of civil engineering, describes her career in robotics as well as
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.

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.

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.

Register

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