

Join us for Scientist in the Spotlight —Learn about machine learning and supercomputers

February 1, 2017

Machine learning

Things that are very easy for people, like knowing what a chair is, can be very difficult for a computer. Does it have to have four legs, does it have to have a backrest? In this demonstration, **Diane Oyen**, with the Lab's Space Science & Systems group, will help show how computers can be taught to recognize things. Applications could range everywhere from "Is this fruit ripe?" to "Where did this uranium come from?"

Supercomputers

How do computers “know” what they are doing? Trick question! Computers don't “know” in the sense that people “know”—but that might change in the future. Right now, computers blindly follow instructions. So, how do computers get instructions? Programming. Come and explore computer concepts from binary digits (0 and 1) to supercomputers. **Teri Roberts** guides you and your family members through this learning experience in about 15 minutes through hands-on exercises.

Join us every second Saturday of the month for Scientist in the Spotlight, a program featuring scientists that have been certified for public outreach through the museum's Scientist Ambassador Academy. These scientists will talk with museum visitors for a couple of hours about their favorite science, technology, engineering, or math (STEM) subject. Conversations are intended for all ages and include interactive hands-on activities that make learning easy and fun. [Learn more about the Scientist Ambassador Academy.](#)

