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# Hod Lipson



Hod Lipson is a roboticist who works in the areas of artificial intelligence and digital manufacturing. He and his students love designing and building robots that do what you'd least expect robots to do: Self replicate, self-reflect, ask questions, and even be creative.

Hod's research asks questions such as: Can robots ultimately design and make other robots? Can machines be curious and creative? Will robots ever be truly self-aware? Answers to these questions can help illuminate life's big mysteries.

An award-winning researcher, teacher, and communicator, Lipson enjoys sharing the beauty of robotics through his books, essays, public lectures, and radio and television appearances. Hod is a professor of Mechanical Engineering at Columbia University, where he directs the Creative Machines Lab, which pioneers new ways to make machines that create, and machines that are creative.