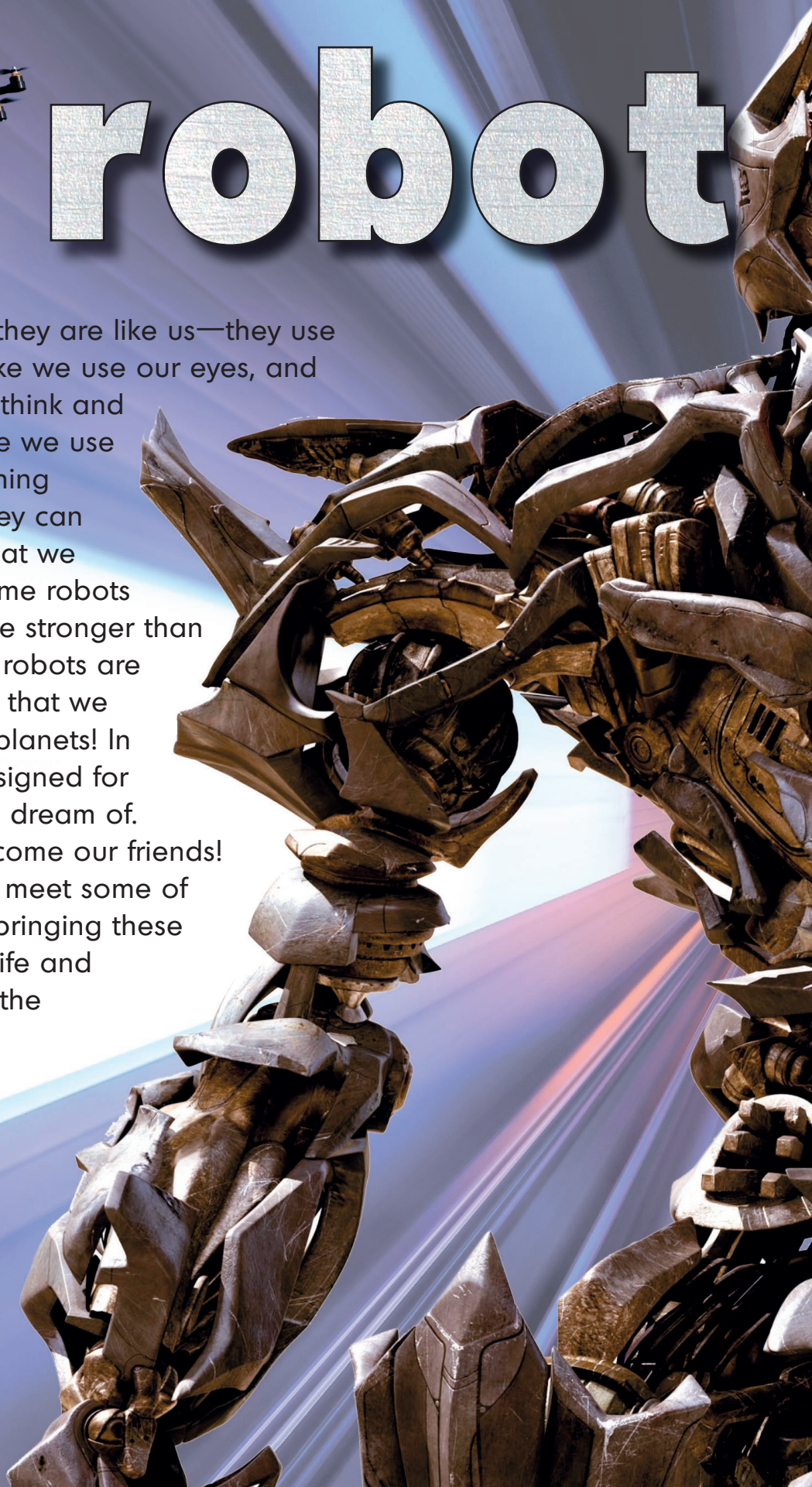




# robot

I love robots because they are like us—they use their cameras to see like we use our eyes, and they use computers to think and make choices much like we use our brains. The great thing about robots is that they can also do many things that we humans cannot do. Some robots can fly, some robots are stronger than any human, and some robots are designed to go places that we cannot, such as other planets! In fact, robots can be designed for almost any job we can dream of. And they can even become our friends!

In this book, you will meet some of the scientists who are bringing these amazing machines to life and making our dreams of the future become real.



# World



**Vytas SunSpiral**



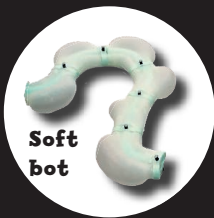
**Senior Robotics Researcher,  
NASA (see pages 42-43)**

# Making robots

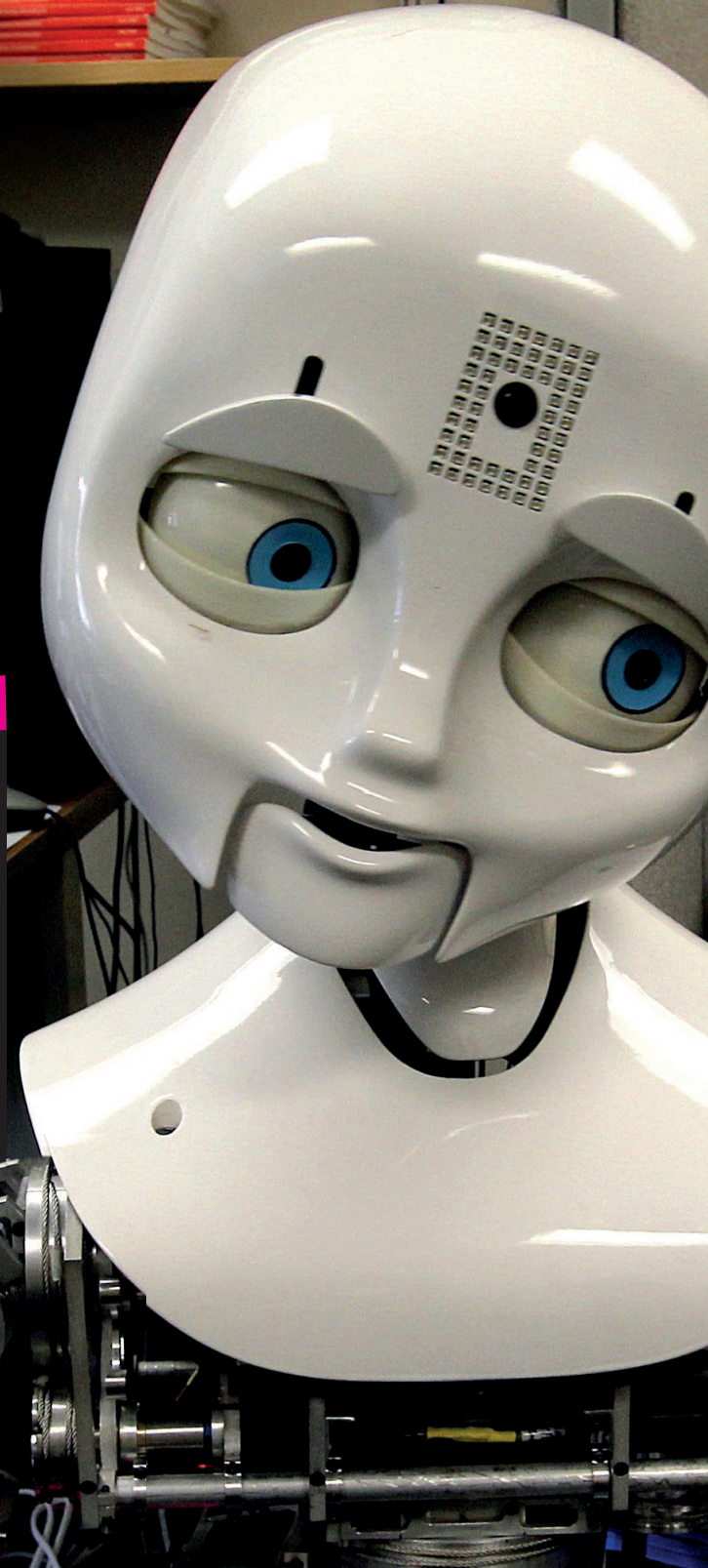
The first robot was built over 2,000 years ago.

Imagine going to a lab each day to build a real-life WALL-E or C-3PO. Roboticists invent incredible bots that can help us in our daily lives, fly into outer space, and even think for themselves! Some robots are cute. Some of them are a little bit creepy and weird. All of them are awesome!

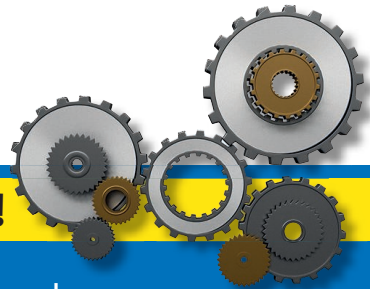
What shape is a robot? Any shape!



Robots are designed in the best shapes for the jobs that they do. Humanoids are made to look like us. But bots can also be soft and squishy, or small and sturdy.



Meet the scientists who are making bots today!



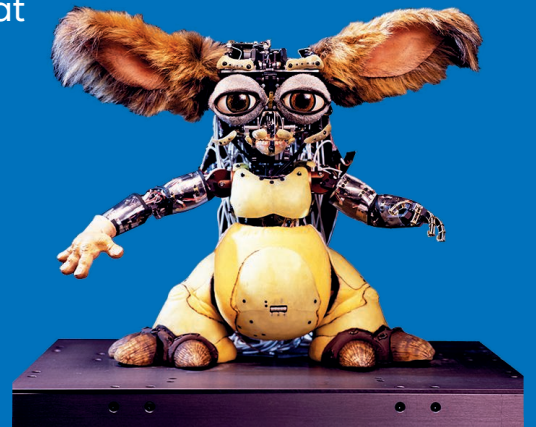
**build it!**

**You  
will live  
with a robot  
at some point  
in your  
life!**

### WHAT NEXT?

"If we can design robots that can talk to and do things with people in a natural way, it will be great. You won't have to make people read manuals in order to operate them."

Dr. Cynthia Breazeal works at the MIT Media Lab in Massachusetts. Her team invents robots that can teach, learn, and play like we do. She programs them to copy people's body language. A bot like Leonardo has tiny motors that allow it to make lots of different facial expressions.



**Beneath Leonardo's fur are motors, cameras, and levers.**

