



Robo Zoo

Nature is the first major source of inspiration for robots. We strive to apply its physical forms and modes of locomotion to the design of our machines, and to decode and modify nature – to the point where future robots may even have leisure time of our their own. Demonstrating the latest in design and capacity, a collection of small robots engage here in social scenarios such as playing football – and open up questions of how different cultures relate to robotics and technology, the diverse roles of humans versus robots, and concerns on the ethics, control and limitation of future robotics.

Spaxels – Ars Electronica Quadcopter Swarm

www.aec.at/spaxels

The Ars Electronica Quadcopter Swarm is a swarm of up to 50 LED-equipped quadcopters that fly in formation and perform amazing feats of airborne choreography. The accompanying lighting and sound effects create an extraordinary aesthetic experience. The technology employed isn't all that state-of-the-art; what wows viewers most of all is the performance's futuristic artistry, as the video here demonstrates. And you can get up close with one of the quadcopters and its LED programme here in the Lab.

