

## **Engineering Newswire 17: Life-sized, programmable humanoid robot talks, sings, acts**

Today on Engineering Newswire, we're working with the world's smallest wrench, crossing the pacific in an autonomous wave rider, and creating a humanoid robot that can walk, talk, and ... act? Today's episode features:

- RoboThespian is a life-sized, programmable humanoid robot designed to talk, sing, and he even recites Shakespeare. Engineered Arts is currently at work on a next generation humanoid dynamic robot that can walk, run, and jump.
- The new robotics startup CyPhy Works is coming out with a pair of stealth mode unmanned aerial robots, a quadrotor dubbed PARC, and the Extreme Access System for Entry, or EASE.
- Physicists at the University of Texas at Arlington have developed the fiber-optic equivalent of the world's smallest wrench. This virtual tool can precisely twist and turn the tiniest of particles.
- California-based Aeros has almost completed its dirigible airship prototype. This new breed of variable buoyancy aircraft promises to revolutionize airship technology with its new technology.
- The PacX glider, Papa Mau, just completed its journey of 9,000 nautical miles across the Pacific Ocean, setting a new world record for the longest distance traveled by an autonomous vehicle.

Do you have story ideas? Comment below or email [pdd\\_web@advantagemedia.com](mailto:pdd_web@advantagemedia.com) and we'll cover them in an upcoming episode.

**Source URL (retrieved on 01/31/2015 - 9:57am):**

<http://www.ecnmag.com/videos/2012/12/engineering-newswire-17-life-sized-programmable-humanoid-robot-talks-sings-acts>