Engineering Newswire 27: Hovering Hummingbirds Lead to New UAVs

Eric Sorensen, Coordinator of Multimedia Development

Today on Engineering Newswire, brought to you by PTC [1]; delivering technology solutions that transform the way you create and service your products, we're building robotic hands that feel, studying shark suckers to make adhesives, and developing flexible electronics that read your brain. This episode features:

Doctors and engineers at a research facility in Switzerland have crafted a bionic prosthesis that could introduce a new generation of artificial limbs with sensory perception.

Nick Mastandrea, founder of Innovative Developments, has shaken up the mouse design with his Mycestro wearable mouse.

Researchers at the University of California, Riverside have discovered that the hovering hummingbird produces two trails of vortices in its wake that help generate the aerodynamic forces required to power and control flight.

Researchers from the Georgia Tech Research Institute are studying remoras – the smaller fish that hitch rides on sharks by sucking onto them – in hopes of developing next-generation adhesives.

Todd Coleman, an electrical engineer at the University of California at San Diego is devising noninvasive means of controlling machines using your mind.

For more from PTC, visit www.ptc.com [1].

Read the eBook: Multi-CAD Data, Unified Design http://demand.ptc.com/forms/FY13MultiCADMidStage-EN?cl1=MultiCADEngineeringcomNA021113 [2].

Do you have story ideas? Comment below or email pdd_web@advantagemedia.com [3] we'll cover them in an upcoming episode.

Source URL (retrieved on *09/02/2014 - 12:17am*):
http://www.wirelessdesignmag.com/videos/2013/03/engineering-newswire-27-hovering-hummingbirds-lead-new-uavs

Links:

[1] http://www.ptc.com
[2] http://demand.ptc.com/forms/FY13MultiCADMidStage-EN?cl1=MultiCADEngineeringcomNA021113
[3] mailto:pdd_web@advantagemedia.com