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Desktop Engineering Picks Winners of its Change the World Challenge

DUBLIN, NEW HAMPSHIRE, USA — *Desktop Engineering* magazine (deskeng.com) is pleased to announce the winners in its first annual Change the World Challenge, a contest for engineers, inventors, innovators, designers, and companies creating products or processes that will have a major impact on our lives. Numerous companies sent entries reflecting new processes and products that will make a positive world-changing impact on our lives, or those of our children or grandchildren.

“The response was fantastic,” says *DE* Executive Editor Steve Robbins. “We received submissions from large and small companies, and independent design contractors working on some amazing projects, both complex in scope and simple in concept. Our judges, I think, picked a representative sample of both and picked winners in each of the four categories of design, simulation, rapid technologies, and computing IT.”

These awards will be spotlighted in the December 2009 issue. Be sure to look for December’s *DE* to discover in greater detail these world-changing developments.

The first-place winner in the Designs category is **Cochlear Ltd.**, a global leader in the development and manufacturing of implantable hearing solutions, for its successful use of **Autodesk Inventor** software to develop a digital prototype of the Baha bone conduction hearing solution. The Baha system uses direct bone conduction to transfer sound to the cochlea, the auditory center of the inner ear, bypassing the outer and middle ear, which might be blocked, damaged or otherwise impaired.

In second place is **Grail Engine Technologies**, which used **Autodesk Inventor 2010** to design and develop a state of the art two-stroke engine for a vehicle that yields more than 100 miles per gallon. The company says it can do this without the use of expensive electric batteries and operating with lower emissions output than currently mandated by state and federal regulations.

In third place is **Aerostat Wind Turbines** for using **SolidWorks** and **AutoCAD** in its design of an Airborne Wind Turbine. The tethered generator takes advantage of high altitudes where turbulence is greatly diminished, and wind speed is continuous and stronger than at ground level.

An honorable mention goes to **Valentin Technologies, Inc.** for its use of **SolidWorks** and **IDEAS** in the development of the 170 mpg INGOCAR, a five-passenger hydraulic hybrid auto based on a new hydrostatic powertrain with energy storage. Its main components are a new free-piston combustion engine, an accumulator to store energy, and new axial-piston wheelmotors, one in each wheel.

Desktop Engineering magazine, which is published monthly by Level 5 Communications, is an industry-leading magazine covering hardware and software engineering solutions for the manufacturing, medical, automotive, aerospace, consumer electronics, process, and other industries. Its readership of 63,000 is 100-percent involved in upfront design processes. *Desktop Engineering*’s website, deskeng.com, is a valuable resource updated regularly with breaking news from the global engineering, design, and manufacturing industries.

“*Desktop Engineering* covers MCAD, simulation and analysis, reverse engineering, and rapid technologies for design engineers and engineering management. We focus on computer technologies that enable 3D modeling and simulation,” says Steve Robbins, executive editor.

“Each issue of *DE* offers news updates, hardware and software reviews, articles, and in-depth coverage of rapidly evolving industries. *Desktop Engineering* delivers information that increases ROI and helps shorten time to market. Whether engineers are working on the latest aerospace project or an industrial designer is creating a new cell phone, *DE* provides solutions to their day-to-day challenges,” Robbins adds.

Log on to deskeng.com to read more about *DE*'s annual Designs That Will Change the World challenge.

You will also see daily news updates, monthly updates from the magazine, and pertinent advertising. Interested advertisers may call to request a 2009 Media Kit or contact sales via ext. 257.

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