



Quanser challenges engineering students to create an experiment for teaching about sustainable engineering

Markham, Ontario – March 10, 2012

Quanser is announcing sponsorship of a unique global design student competition, the Quanser Challenge, where engineering students devise an approach to teaching concepts in sustainable engineering.

To launch this competition, Quanser is collaborating with the Ibero-American Science and Technology Education Consortium (ISTEC), the Student Platform for Engineering Education Development (SPEED) and the International Federation of Engineering Education Societies (IFEES). Students entering the competition will be tasked with developing an experiment applied to solving challenges in sustainable engineering while enhancing the undergraduate-level learning experience. Specifically, students will be focused on developing this experiment as an extension of the QNET range of control experiments for the National Instruments' ELVIS.

The winning entry could subsequently become a university-level Quanser teaching experiment used in engineering faculties around the world. This educational solution would better prepare thousands of engineering students to tackle real-world problems in sustainable engineering and make the prospect of a diverse range of future solutions in this field more viable.

“We’re betting that the global community of engineering students can channel their unique perspectives and youthful passion to create teaching tools that will help their peers develop skills that could literally save the planet,” says Paul Gilbert, Quanser’s CEO. “Their problem-solving capabilities are enormous and we want to help bring them to the surface.”

Tom Lee, Quanser’s Chief Education Officer is also anticipating the results of the competition. “We’ll get to work with some very bright young people who have both the energy and audacity to propose wonderfully creative if not outrageous ideas; so outrageous that they might actually work!”

The deadline for registration of design projects is April 1, 2012. Projects must be submitted by August 1, 2012. The winner will be announced September 1, 2012. Prizes include a trip to the World Engineering Education Forum, October 15 – 18, 2012 in Buenos Aires, Argentina, and the benefits that accrue from recognition as worldwide winners within the global engineering community.

For further information on contest guidelines and registration, visit <http://www.istec.org/2012-student-contest/>



About Quanser

Headquartered in Markham, Ontario, Canada, Quanser is dedicated to advancing engineering education and research. It is the world leader in the design and manufacture of advanced systems for real-time control for robotics, mechatronics, aerospace and structural engineering. With over 20 years of leadership in the field, Quanser control solutions and challenges are the first choice for thousands of universities and research laboratories around the world. For more information, visit www.quanser.com or call 1-905-940-3575.

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