

MUST-SEE SESSION
MON 9:00 PREPARING EFFECTIVE
GLOBAL ENGINEERS
+ TEST DRIVE QUANSER'S
QUARTER-CAR
ACTIVE SUSPENSION SYSTEM

2009 ASEE GLOBAL COLLOQUIUM ON ENGINEERING EDUCATION

Monday 9:00
October 12
Ballroom 1

Refreshments served

Join this interactive workshop at the 2009 ASEE Global Colloquium

Preparing Effective Global Engineers to Succeed

Presented by: Paul Gilbert, CEO, Quanser

Stephen Frank, European Channel Sales Manager, Quanser

Leverage the 'digital mentality' of today's engineering students to enhance traditional engineering pedagogy. In this workshop, we will discuss five relevant strategies that can help educators prepare engineers to meet and exceed international demands for continued innovation.

This discussion will explore:

- How traditional engineering pedagogy can be modified to create industry-ready engineers
- How to create engineers with innovative and synergetic engineering design skills
- How a mechatronic approach is a feasible subset of multi-disciplinary engineering
- How a holistic engineering design approach can be implemented in practice using turn-key solutions [includes an interactive demonstration]

Quanser, a Canadian-based company, is a leading developer of experiments and curriculum for hands-on teaching and research of control. Over 1200 universities worldwide have implemented Quanser's industry-relevant curriculum and hands-on solutions to teach various controls concepts to undergraduate students of Electrical, Mechanical, Mechatronics, Robotics, Aerospace, Civil, and various other engineering disciplines. Researchers at these institutions benefit from the open architecture and modularity of Quanser technology that helps enhance and speed up their research.



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