



# Engineering minds, hearts and hands: Impact with a purpose

A hands-on workshop for the global academic leadership

## Engineering Education Vision (EEV) Workshop at GEDC

**Yes, Deans can design.** Even if you haven't touched a scope in 20 years!

The life of a senior administrator can be an endless sequence of meetings and academic travel. When was the last time that your Dean was able to spend a bit of time to be creative, learn amazing new technology, and puts some meaningful thought to how best to effect the necessary transformations at your institutions to prepare your students for the challenges of our world?

This unique **half day workshop** will provide senior administrators, including Deans, Chairs, and program Directors, direct hands-on experience with innovative technology and project-based learning methods to help institution introduce greater design sophistication and modern complex system applications in academically appropriate ways.



Participants will learn the key techniques and essential concepts of modern system design and the efficient pedagogies to merge them into courses and programs. The activities will apply generalized concepts as opposed to proprietary platforms to illustrate how institutions can introduce the highest priority topics, even the most sophisticated techniques in AI and machine learning, in practical and timely ways.

The ground-breaking technology and techniques were developed by the engineering education innovation company Quanser in collaboration with leading global universities. Participants of the workshop will gain first-hand experience:



**Date:** Thursday, October 24

**Time:** 9:30-14:00

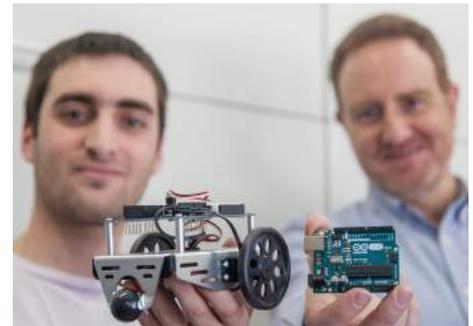
**Location:** Science and Technology Building, 6<sup>th</sup> floor, PUC



**Part 1**  
Essential Design Workflows for  
Complex Modern Challenges



**Part 2**  
Demystifying AI and Machine  
Learning for Engineering  
Education



**Part 3**  
Let's Design the Future Together

Recognizing the potential space and equipment constraints, attendance for this workshop will be limited. This workshop is sponsored by Quanser, Canada. There is no fee for participation.

Please **RSVP** by October 16.