

Session Name: Digital by Design - Education for the Post-Pandemic World

Instructor Biography

Robert Luke, PhD, is Chief Executive Officer of eCampusOntario, which provides leadership to Ontario's universities and colleges promoting innovation and adoption of digital learning. eCampusOntario's mission is to inform and shape Ontario's online learning system redesign in consultation with sector stakeholders by funding and conducting research and pilot projects that promote and support digital fluency and educational system evolution for all.

Prior to his role as CEO, Dr Luke spent over 10 years in executive management as Vice-President, Research & Innovation at George Brown College and at OCAD University. His expertise is in human-centered knowledge media design, working at the intersections of education and information science to produce useful and useable technology to support education, health and innovation systems. His experience includes the development of academic business, innovation and incubation initiatives. Dr Luke has worked in both the University and College sectors in Ontario in roles ranging from supporting research and innovation broadly across the tertiary education system. This has included the theory and practice of online learning, using Internet technologies in education and research, and over the past decade the practice and policy of enabling public sector research performers to conduct research activities.

Dr Luke has extensive experience in the evaluation of national research and innovation systems. He served on the Council of Canadian Academies Expert Panel Review of The State of Science and Technology and the State of Industrial Research & Development in Canada, 2016-18, and as Expert Panelist, Council of Canadian Academies Expert Panel Review of Science and Technology in Canada, 2011-2012. In 2012, he was awarded the Queen Elizabeth II Diamond Jubilee Medal for contributions to Canadian education and innovation.

Seminar Description

Digital by Design: Education for the Post-Pandemic World

The COVID-19 pandemic forced us all to scramble to put everything online swiftly. Following this pandemic pivot, our focus in education can now shift to Digital by Design: to more mindfully and artfully design digital learning environments that support all learners. The future of digital learning must be about options: options to facilitate learning in distributed, online environments, to scaffold face-to-face and *in situ* learning via mediated communities of practice, and to provide ways for learners to access education that support iterative learning and ongoing career progression.

The *Digital by Design* context provides a framework for an integrated approach to providing the tools and resources, enabling engagement and interaction, and using these to effect sector transformation through individual empowerment.

Topics Covered

- Human Centred Design
- Welcoming the Whole Learner and Every Learner
- Enabling Flexible and Lifelong Learning
- Supporting System-Wide Opportunities for Collaboration

Learning Outcomes

- Identify ways in which technology exacerbates existing social biases;
- Use the principles of Human Centred Design to ameliorate social biases in digital education;
- Support the creation of inclusive, digital by design educational environments;
- Support engagement and collaboration for sector transformation.