



INTELLIGENT MACHINES: ARE WE READY?

Robots and Artificial Intelligence (AI) are already having a major impact on our lives. Lecturers in this series will give their professional perspectives on what we can expect today and in the future.

MAR 03, 2022

AI AND LABOUR: A FRUITFUL PARTNERSHIP OR THE NEXT GREAT DEPRESSION?

Dr. Michael Anderson

This talk will review the economic challenges and the promises of the emerging AI revolution. How will the rise of intelligent machines change the economy, the sorts of jobs that are available, and how wealth is distributed among us? Have governments learned from the last great wave of automation, or will laissez-faire economic policies rule the day? Or is all of this just Silicon Valley driven technological hype?

MAR 10, 2022

ARTIFICIAL INTELLIGENCE AND THE AUGMENTED HUMAN EXPERIENCE

Roger Melko

In this lecture I will discuss our accelerating pursuit of artificial intelligence and its increasing impact on science and society. I will focus in particular on the consequences of this technology on the future of our own human experience, and what our species may look like as artificial intelligence increasingly becomes a part of our everyday lives.

MAR 17, 2022

TRENDS IN BIG DATA: WHAT YOU NEED TO KNOW

Prof. Chris Dyck

Big Data is everywhere. Should we be worried? This lecture will take you for a walk through the recent trends in Big Data and how big corporations are using your data.

MAR 24, 2022

SOCIAL IMPACT OF EMERGENT EMBODIED COMPUTING

Dr. Isabel Pedersen

More and more, personal digital devices—from wearable brain-computers to digital skin tech to implanted computer chips—are being invented, adopted and even celebrated before we have a chance to understand their likely impact on our lives. The rise of Artificial Intelligence is accelerating this process. Pedersen explores how immersive embodied technology may change how we act, interact with others, participate in cultures, and understand our identities.

MAR 31, 2022

HOW AI AND TECHNOLOGY AFFECT HEALTH CARE DELIVERY

Dr. Adam Kassam

This talk highlights the work of Geoffrey Hinton, based in Toronto and considered the godfather of Deep Learning. Adam will look at what Hinton has taught us about the learning power of machines, and how these machines are learning to do things like read X-rays, improve diagnostic accuracy and digitally summarize physician-patient interactions. Looking ahead, how will AI and technology continue to change the delivery of health care?

APR 07, 2022

CAN ROBOTS INVADE YOUR PRIVACY ?

Prof. Kristen Thomasen

Robots and AIs are starting to outperform human experts in an increasing array of narrow tasks. Can they invade your privacy without being sentient beings? Should they have moral and legal status? Professor Thomasen will challenge traditional views on such questions from both a legal and ethical perspective.