NLC PRESENTS

NLC PRESENTS AI + U
Twelve talks and discussions on the implications of artificial intelligence from the people on the front lines. Find out what U need to know!

PURCHASE TICKETS AT
www.connectnlc.ca for $20 each. (service fee applies)
All dates must be selected at time of purchase.

Buy 5 or more at a time before October 1st, enter code 5ormorediscount, and get a 5% discount.

Buy 10 or more at a time before October 1st, enter code 10ormorediscount, and get a 10% discount.

PROGRAM SPONSORS

LiUNA!
LOCAL 183
Feel the Power

THE NEW Classical 103.1 fm
THE GREATEST MUSIC OF ALL THE

Northumberland county

MacDonald, Charette & Associates

AI + U

OCTOBER 24 – NOVEMBER 29, 2019

NLC
Northumberland Learning Connection

OCTOBER 24– NOVEMBER 29, 2019

Tickets on sale at **www.connectnlc.ca** for 12 compelling events plus a workshop with CIFAR

Early bird discounts available until October 1, 2019

AI films at The Loft
Nov. 5: *2001: A Space Odyssey*
Nov. 19: *Blade Runner*

How will the world work when robots make our decisions, manage our health care, and write our literature; when computers "judge" our guilt and manipulate our elections; when our personal data is sold to the highest bidder? Don't look now, but it's happening already.

Canada is a world leader in the development of artificial intelligence. Now we must fathom the ethical and political questions it raises.

The technology is here; next comes the tough stuff.

SPECIAL EVENT:
ONLY 30 TICKETS AVAILABLE

AN INTERACTIVE SESSION WITH FACILITATORS FROM CIFAR, CANADA'S GLOBAL SCIENCE THINK TANK
CIFAR's AI and Society Team, led by Brent Barron, presents "AI 101" – an introduction, and a case study in public policy surrounding health care, housing, and law. Facilitators will take break-out groups through AI applications to the problems.

Friday, December 6 at 10 AM
Venture 13, 739 D'Arcy Street, Cobourg

October

CCC **24** 7:30 pm

THE BIG PICTURE
Scientists began talking about AI sixty years ago; now we're into deep learning. Over the next decade, AI could become the most transformative technology since electricity, with changes that will make our lives safer and more fulfilling. But why did Stephen Hawking call AI potentially "the end of the human race"? How do we keep it under control?
Ira Basen, CBC broadcaster

PHKCH **25** 10 am

WORKING FOR THE MAN…ROBOT?
Remember the elevator operator? Long gone; a victim of automation. The threat posed by AI to millions of workers will make other technological innovations seem benign – and how we respond to AI in the workplace will have profound social and economic ramifications.
Ira Basen, CBC broadcaster

CCC **31** 7:30 pm

GAMING AND AI
It started when Deep Blue beat Gary Kasparov at chess. Then AlphaGo mastered the ancient, abstract Chinese game of Go. Game designer Melissa MacCoubrey talks about developing video games and where AI might take games and gamers.
Melissa MacCoubrey, Ubisoft, Game Designer
Sponsor:

Gordon Insurance

CCC **THURSDAY NIGHTS**
Columbus Community Centre – 232 Spencer St. E., Cobourg

PHKCH **NEW LOCATION: FRIDAY MORNINGS**
Port Hope Knights of Columbus Hall – 1 Elias St., Port Hope
(behind the Capitol Theatre)

November

PHKCH **1** 10 am

MAKING LITERATURE WITH COMPUTERS
AI is not all doomsday scenarios, robot armies, and mass unemployment. Adam Hammond looks at the positive: AI as an aide to the creative process. He will explain an algorithm that helped write the perfect science fiction story, and a sonnet generator that seeks to rival Shakespeare.
Adam Hammond, University of Toronto

CCC **7** 7:30 pm

WHICH WAY TO TURN? DRIVERLESS VEHICLES
Does a driverless bus plunge over the cliff and risk killing its passengers, or keep going and hit children playing in the road? Can algorithms make ethical decisions? Or will AI make our roads safer by eliminating human error? Driverless cars force us to confront our own morality. Barrie Kirk grapples with the answers.
Barrie Kirk, Executive Director, Canadian Autonomous Vehicles Centre of Excellence (CAVCO)
Sponsor:

Vandermeer TOYOTA

PHKCH **8** 10 am

SMART CITIES — SMART PLANNING?
Can we escape surveillance culture? Do people control urban technology and the tech giants who own that technology, or is it the other way round? That's the challenge facing smart cities everywhere – none more so than Waterfront Toronto. Kristina Verner discusses the goals and challenges in creating smart cities.
Kristina Verner, Vice President Innovation, Sustainability and Prosperity, Waterfront Toronto

CCC **14** 7:30 pm

HIGH RISK EXPERIMENTS: AI, MIGRATION AND HUMAN RIGHTS
States the world over are turning to artificial intelligence and new technologies to police borders and manage migration. Lawyer Petra Molnar discusses the far-reaching human rights implications of these technological experiments.
Petra Molnar, University of Toronto

PHKCH **15** 9:30 am

THE DISCRIMINATING ALGORITHM
Artificial intelligence is getting a good workout in predictive policing, criminal justice, and social services, but just as people discriminate, so can algorithms. Are we teaching computers to make judgments based on race, religion, and gender?
Petra Molnar, University of Toronto

CCC **21** 7:30 pm

IS BIG DATA CHANGING DEMOCRACY?
Wesley Wark discusses security and the role of big data in democratic events: the U.S. 2016 presidential election, the Brexit referendum, and our own federal election. Do the forces behind big data now have the largest vote in our democracy?
Wesley Wark, University of Ottawa

PHKCH **22** 10 am

REBOOTING REGULATION
Wesley Wark talks about privacy and protection of our personal data. Can we trust the tech giants to self-regulate? Should government make the rules? How do we protect ourselves?
Wesley Wark, University of Ottawa
Sponsor:

COBOURG POLICE SERVICE

CCC **28** 7:30 pm

AI AND HEALTHCARE IS REALLY 'IA' — INTELLIGENCE AUGMENTED
Healthcare is behind in reaping the benefits and confronting the challenges of AI: we are still not basing day-to-day decisions on real time data. But there are big ways AI can make things faster, better, cheaper, and smarter. Zayna Khayat will discuss where and how fast AI is going in healthcare as well as the risks and opportunities; she will also dispel some common myths.
Zayna Khayat, Future Strategist SE Health, Singularity University

PHKCH **29** 10 am

WHAT DO PATIENTS NEED TO KNOW?
AI is increasingly part of clinical care in hospitals and healthcare, but many are concerned about the ethical implications. We will learn what is going on in hospitals in Canada, and what patients should know about navigating this new technology.
Melissa McCradden, Sick Kids Hospital and Vector Institute for AI
Sponsor:

BRIDGEHOUSE ASSET MANAGERS