

Free Science* Events



November 2019



*and applied-science



Please confirm the date and time of events prior to attending, as they sometimes change.

Monday, November 4

***Dealing with Chaos.* Fields Institute for Research in Mathematical Sciences**

The Public Opening of the 2019 Fields Medal Symposium, featuring a general audience presentation by Artur Ávila (Fields Medal 2014). Dynamicists have been occupied by a question since Isaac Newton's era: given a system that evolves in time, what can be said about its behaviour over long time scales? Since Newton's day, our understanding of the question has changed significantly with the discovery of chaos and its presence even in some of the simplest situations. Ávila will reflect on how his field has changed over time, and examine current questions at the forefront of dynamical systems theory.

Time & location: 7:00 - 9:00 pm

Isabel Bader Theatre, 93 Charles Street West

Registration/
more information: <https://www.eventbrite.ca/e/public-opening-of-the-2019-fields-medal-symposium-artur-avila-on-dealing-with-chaos-tickets-71072438577?aff=ebdssbdest-search>

Tuesday, November 5

***Ontario Clean Technology Industry Association Launch Reception,* Ontario Clean Technology Industry Association and CleanTech North**

An evening of networking as an official launch of the Ontario Clean Technology Industry Association (OCTIA) as part of Export Development Canada's Cleantech Export Week.

Time & location: 4:30 - 6:30 pm

MaRS Discovery District, 101 College Street

Registration/
more information: <https://www.eventbrite.com/e/ontario-clean-technology-industry-association-launch-reception-tickets-75737503913?aff=ebdssbdestsearch>

Thursday, November 7

***Industry Night.* Ryerson Women in Computer Science (WiCS)**

This evening will be an opportunity for students gain further insight into the tech industry and make connections with various industry professionals. The event features recruiters, senior managers, representatives and some inspirational keynote speakers from various companies. Open to all; food provided.

Time & location: 5:00 - 7:00 pm

Science Discovery Zone- Room 317, 44 Gerrard Street East

Registration/
more information: <https://www.eventbrite.com/e/ryerson-women-in-computer-science-wics-industry-night-tickets-78103091449?aff=ebdssbdestsearch>

Saturday, November 9

***Winterizing Evergreens.* Sheridan Nurseries**

The workshop will demonstrate the proper ways to protect evergreens for the winter season with products, burlap and mesh.

Time & location: 1:00 - 2:00 pm

2827 Yonge Street

Registration: 416-481-6429

For more information: http://www.sheridannurseries.com/events/seminar/winterizing_evergreens

Tuesday, November 12

Out of Their Cages and into the City: Robots, Regulation, and the Changing Nature of Public Spaces. University of Toronto Centre for Ethics

The growing presence of robots in public space is associated with opportunities to improve human lives through intelligent urban design, environmental efficiency, and greater transportation accessibility. However, the introduction of robots into public space has also raised concerns. The laws that permit, regulate, or prohibit robotic systems in public spaces will in many ways determine how this new technology impacts the space and the people who inhabit that space.

Time & location: 4:00 - 6:00 pm
Centre for Ethics, Room 200, 2nd Fl, Larkin Building, 15 Devonshire Place
Registration/ more information: <https://www.eventbrite.ca/e/kristen-thomasen-out-of-their-cages-and-into-the-city-robots-regulation-and-the-changing-nature-of-tickets-77012138379?aff=ebdssbdestsearch>

Wednesday, November 13

Mobile App Clinic- for Beginners. WIMTACH, Centennial College

Mobile App Clinics are designed to introduce attendees to the world of mobile application development, mobile platforms, design and what different industries are using. In these clinics, you learn how to change, modify and adapt code to different online environments, enhancing your knowledge of how diverse the mobile application truly is. Since they're hands-on and interactive, you will have a memorable working experience that leads you to continue learning.

Time & location: 4:30 - 6:00pm
Centennial College Room D2-O2, 941 Progress Avenue
Registration/ more information: <https://www.eventbrite.ca/e/mobile-app-clinic-for-beginners-tickets-64242699644?aff=ebdssbdestsearch>

The Low Down on the High Seas: What We Don't Know About the Oceans Can Kill Us. University of Toronto, School of the Environment

Wendy Schmidt brings an optimistic approach to addressing critical ocean issues and provides a framework for viewing the ocean as part of an interactive living system, crucial to life on land. She will describe how her investment in innovative solutions and support for scientific and technological breakthroughs is creating momentum for ocean health leading to the restoration of this vital planetary resource.

Time & location: 6:00 - 7:30 pm
Health Sciences Building, 610 Auditorium, 6th Fl, 155 College Street
Registration/ more information: <https://www.eventbrite.ca/e/what-we-dont-know-about-the-oceans-can-kill-us-tickets-75310167739?aff=ebdssbdestsearch>

Road Map to Environmental Action in Parkdale-High Park. Green 13 Toronto

Join your elected representatives and environmental community groups in Parkdale-High Park to co-create a climate action plan. On October 2nd, Green 13, Green Parkdale & Roncesvalles, and Safe Rail Communities, three environmental groups in Toronto's West End, hosted one of the 100 debates on the environment, held across Canada. Candidates for a Federal Member of Parliament in Parkdale-High Park riding from the 4 major parties, with the exception of the Conservatives, were present. As a response to a final question at the debate, all of them (Arif Virani, Paul Taylor, Nick Capra and Greg Wycliffe) have committed to participate in this event, should they be elected.

Time & location: 7:00 - 9:00 pm
Swansea Town Hall, Rousseau Room, 95 Lavinia Avenue
Registration required: <https://www.eventbrite.ca/e/road-map-to-environmental-action-in-parkdale-high-park-tickets-76926750983>
For more information: <https://www.green13toronto.org/event/road-map-environmental-action-parkdale-high-park>

Thursday, November 14

Career Exploration in Science Communication. University of Toronto Science Communication Club

The U of T SciComm Club's first Career Exploration Night in Science Communication. Hear from internationally recognized Science Illustrator Shiz Aoki and Science Writer Jovana Drinjakovic as they delve into

what it's like navigating a career in this rising field. Afterwards there will be a chance to network and discover opportunities emerging in science communication.

Time & location: 6:00 - 7:00 pm
Terrence Donnelly Centre, Red Room, 160 College Street
Registration/
more information: <https://www.eventbrite.ca/e/career-exploration-in-science-communication-tickets-78245029991>

Digital Justice Lab Workshop: Imagining Feminist Interfaces. Museum of Contemporary Art Toronto

Through a series of speculative design exercises, organizers will prototype and discuss what voice technologies might look like if they were designed in line with the central commitments of feminism: participation, agency, embodiment, equity, empowerment, plurality and justice. Participants will learn the basics of designing a conversational UI but no prior coding skills are needed. It's recommend that workshop participants bring a laptop.

Time & location: 6:00 - 7:00 pm
Museum of Contemporary Art Toronto (MOCA), 158 Sterling Rd
For more information: <https://museumofcontemporaryart.ca/calendar/digital-justice-lab-workshop-imagining-feminist-interfaces/>

Friday, November 15

World Diabetes Day. Unison Health and Community Services

Diabetes Awareness Day is Friday, November 15th. On offer are workshops on stress management and fitness as well as a cooking demo. Pre-registration is preferred. Coffee and tea will be provided.

Time & location: 9:30 am - 3:00 pm
Unison Health and Community Services, 12 Flemington Road
Registration required: Call 416-787-1661 ext. 3301
For more information: <http://unisonhcs.org/world-diabetes-day/>

Tuesday, November 19

International Law and World Order. Science for Peace

Recently the Bulletin of the Atomic Scientists set the doomsday clock to the closest point to midnight it has ever been. This was justified by the triple threats of nuclear war, climate change, and the decline of democracy. In this talk Dr. Arnd Jurgensen suggests a fourth justification for this reset: the precipitous decline in the effectiveness and respect for international law over the last two decades culminating with the election of Donald Trump.

Time & location: 7:00 - 9:00 pm
University of Toronto- St. James Campus, UC 144, 15 King's College Circle
Registration/
more information: <https://www.eventbrite.ca/e/international-law-and-world-order-tickets-76087607081>

Saturday, November 30

Jim Baillie Memorial Bird Walks: West Toronto Lakeshore and Beyond. Toronto Ornithological Club

Leader: Garth Riley. Meet at 9:00 a. m. at the parking lot at Colonel Samuel Smith Park, at the foot of Kipling Ave, which becomes Colonel Samuel Smith Park Dr south of Lakeshore Blvd West. Park in the last most southerly parking lot. Bring a snack and refreshments. Waterfowl and winter birding. Outings will take place rain or shine. Outings may involve walking on unpaved trails that may be muddy, steep, overgrown and/or uneven. Participants should wear sturdy footwear and clothing, sunscreen, and insect repellent appropriate to the weather/season, and bring a snack or lunch and something to drink. Participants in outings take part at their own risk and the TOC assumes no responsibility for any loss or injury however sustained. Please do not bring pets. These outings are for those of all abilities who are interested in birds. Beginners welcome. Free to all.

Time & location: 9:00 am - 12:00 pm
Colonel Samuel Smith Park, 3145 Lake Shore Blvd W.
For more information: <http://www.torontobirding.ca/site/outings>

Weekly events

Thursdays, November 7, 14, 21

Craving Change. Unison Health and Community Services

Craving Change provides cognitive-behavioural tools, activities and strategies that address the universal struggle to change problematic and emotional eating behaviours. Some of the key themes of the program include: understanding why individuals eat the way they do, learning ways to comfort oneself without food and changing thinking habits to change eating habits. Tokens and snacks will be provided to participants.

Time & location: 1:30 pm - 3:30 pm

Unison Health and Community Services, 1651 Keele Street

Registration required: Call 416-645-7575 ext. 2715

For more information: http://unisonhcs.org/craving_change/

Various Days

Fridays, November 1, 15, 29

Artificial Neural Network Applications in Health Industries. WIMTACH, Centennial College

Join the Workshop of Artificial Neural Network Applications in Health Industries if you are interested in Artificial Intelligence.

Time & location: 9:00 am - 2:00 pm

941 Progress Avenue, Room D2-O4B

Registration required: <https://www.eventbrite.ca/e/artificial-neural-network-applications-in-health-industries-tickets-68176452605?aff=ebdssbdestsearch>

For more information: <https://wimtach.centennialcollege.ca/about/>

There are also free programs at the **Toronto Public Library**.



- Science & Technology programs: <http://www.tpl.ca/programs-and-classes/categories/science-technology.jsp>
- Health & Wellness programs: <http://www.tpl.ca/programs-and-classes/categories/health-wellness.jsp>

Or have a look at the **What's On** program guide, available in branches.



Also, connect with us online and get the latest library news, event listings and librarian expertise at the **North York Central Library blog**: <http://torontopubliclibrary.typepad.com/north-york-central-blog/>



North York Central Library, Business, Science & Technology Department