

TUESDAY, JUNE 2 / MARDI 2 JUIN 2026

26th Annual Physics Teachers Day

26^e Journée annuelle des enseignants de physique

On Tuesday, June 2 nd , high school and CEGEP science teachers will take part in the CAP 26 th annual Physics Teachers Day at the University of Ottawa as part of the CAP's 2026 Congress. This event is sponsored by the University of Ottawa Physics Department, the Carleton University Physics Department, the Perimeter Institute and the MaQTech NSERC Program.	Le mardi 2 juin les enseignants en sciences de la région participeront à la 26 ^e journée annuelle des enseignants de physique du Congrès 2026 de l'ACP à l'Université d'Ottawa. Cet événement est parrainé par le département de physique de l'Université d'Ottawa, le département de physique de l'Université de Carleton, le <i>Perimeter Institute</i> et le programme NSERC MaQTech.
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Start	End	Location	Activity
8:15am	8:45am	STM 117	Meet and Greet, Breakfast, and Registration.
8:45am	9:00am	STM 117	Welcome and Introduction.
9:00 am	10:00am	STM 117	Donna Strickland, uWaterloo, 2018 Nobel Laureate in Physics: Generating High-Intensity Ultrashort Optical Pulses.
10:00 am	10:30am	STM 117	Coffee Break
10:30 am	11:15am	STM 117	Stefanie Czischek, uOttawa: Artificial Intelligence (AI): How it works, what it can do, where potential threads lie and how they can be prevented. Where AI is applied in Physics.
11:15am	12:15pm	STM 3 rd Floor	Michael Wong, uOttawa & Jennifer Ogilvie, uOttawa: Physics undergraduate teaching lab tours + Lab activities on Interference and Diffraction: Explore how the wave properties of light can be used to reveal structure that is invisible to the human eye.
12:15 pm	1:15pm	STM 117	Lunch and Physics Outreach Discussion Distribution of Participation Certificates.
1:15 pm	2:00pm	STM 117	Tasha Richardson, PhD, OCT, Albert Campbell CI, Toronto District School Board, 2024 - CAP Award for Excellence in Teaching High School/CEGEP Physics (Ontario): Spherical cows at the LHC: The need for modern physics in the classroom.
2:00 pm	2:30pm	STM 117	Coffee Break
2:30 pm	3:15pm	STM 117	Dave Fish, Perimeter Institute: Wave-Particle Duality activity: Participants will explore a classroom activity that uses an electron double slit experiment to introduce wave-particle duality. The duality is then used to solve problems

			like resolving power and the shape of electron orbitals.
3:15pm	4:00pm	STM 117	Ashley McCarl Palmer, Perimeter Institute: Quantum Hype: Explore a classroom activity that introduces fundamental quantum concepts, like entanglement and superposition. These concepts are then used to evaluate various products that claim to be quantum.
4:30pm	5:30pm	Desmarais, room 12102	Public Reception
5:30pm	7:00pm	Desmarais, room 12102	University of Ottawa Vice-President, Research and Innovation Julie St-Pierre is pleased to present: Trust in Science, A Public Lecture by Professor Donna Strickland, 2018 Nobel Laureate in Physics.