

24-25 CAP Lecture Tour

Wendy Taylor, VP Elect
CAP Annual General Meeting
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- The aim of the CAP Lecture Tour is
 - to share the excitement of current developments in physics with undergraduate students across the country,
 - to promote and celebrate the study of physics in Canada,
 - to enhance collaborations between CAP and Canadian physics departments,
 - to increase the visibility of CAP in the Canadian university community, and
 - to promote student memberships in the CAP.
- The CAP Lecture Tour also provides an opportunity for new faculty to showcase their research activities in Canada
- The 24-25 Lecture Tour was managed by the national Lecture Tour Coordinator Gwen Grinyer in conjunction with the Regional Coordinators, supported by the CAP program manager and the VP Elect, who is a member of the Executive and the Board
- Funding for the Lecture Tour is provided by CAP, the CAP Foundation (through a dedicated anonymous donation) and the host departments



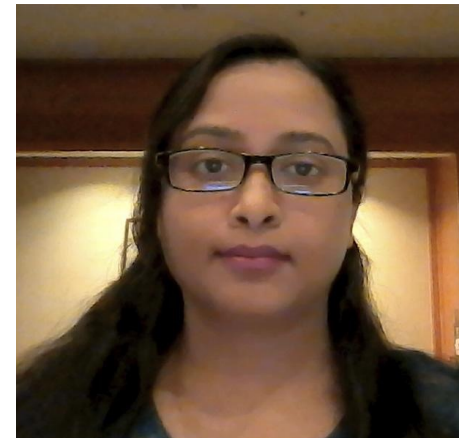
Specific Goals for the 24-25 Lecture Tour

- Schedule two in-person headline talks for each of the six regions: Atlantic; Quebec (F); Quebec (E) and Ontario East; SW Ontario; Eastern Prairies; Alberta and BC
- Encourage speakers to present their talks at up to four additional institutions in the same region (Regional Coordinators facilitate by connecting with nearby institutions)
- Spread out the timing of the talks during February and March
- Run a pilot Cégep and high-school physics student Lecture Tour
- Record and report in-person attendance and student engagement

24-25 Lecture Tour Summary

- We had our first Cégep talk
- Several speakers gave 2 or 3 talks in the region (for a total of 18+ talks)
- Eight of the 13 headline talks were available to attend virtually. Some talks were recorded for posting on the CAP YouTube channel
- Host institutions were asked to keep track of attendance and student engagement and fill out an online feed-back form





Date	Host	Speaker	Topic
30-Jan-2025	Western University	Matthew Stukel (SNOLAB)	Cryogenic searches for dark matter
01-Feb-2025	Memorial University (AUPAC)	Pablo Bianucci (Concordia)	Trapping photons in microscopic spaces
06-Feb-2025	York University	Daniel Stolarski (Carleton)	Non-perturbative QCD
14-Feb-2025	McGill University	Sarah Rugheimer (York)	James Webb Space Telescope
21-Feb-2025	Université du Québec à Trois-Rivières	Nicolas Cowan (McGill)	Physique du climat: des planètes de lave au réchauffement climatique
25-Feb-2025	Thompson Rivers University	Camille Bélanger-Champagne (TRIUMF)	Can cosmic rays crash your computer?
12-Mar-2025	Trent University	Kai Wang (McGill)	Quantum phototonics with metamaterials
13-Mar-2025	University of Regina	Labani Mallick (Manitoba)	Accreting massive black holes in galaxies
14-Mar-2025	University of Winnipeg	Kate Oatway (Montrose Environmental)	Life as an environmental consultant
17-Mar-2025	Acadia University	Ivan Iorsh (Queens)	Harnessing quantum vacuum fluctuations
21-Mar-2025	Université de Montréal	Ramachandran Ganesh (Brock)	Stacking with randomness and frustration: lithium and sodium
01-Apr-2025	Cégep de Trois-Rivières	Maxime Charlebois (Université du Québec à Trois-Rivières)	La supraconductivité et l'état solide moderne
03-Apr-2025	Lethbridge University	Tobias Junginger (Victoria/ TRIUMF)	RF superconductivity for accelerators



Goals for the 25-26 Lecture Tour

- Increase the number of talks given in French
- Expand the offering of talks for Cégep and high-school physics students
- Circulate announcements with speaker photo, title, abstract, and zoom link a few days before each hybrid talk. Ensure that the schedule posted to the website is accurate and updated.

Participate

- Nominate a colleague as a lecturer or self-nominate
- Ask your department head/chair to host a Lecture Tour talk
- Advertise the local (and hybrid) talks to your students and colleagues
- Encourage students to vote, to attend, to ask questions, and to join CAP

Thanks!

- Thanks to our donor, the Regional Coordinators, the program manager Ellen, the fabulous speakers, the host institutes, and the National Coordinator Gwen Grinyer!



Backup Slides

- The speaker selection process involves the following steps :
 - A call for speaker nominations by colleagues and volunteers (opens end of September and closes end of October);
 - A list of candidate speakers is then established by the Lecture Tour Committee based on diversity of fields, valid CAP membership status of the nominees, and Regional and EDI considerations;
 - The candidate speaker list is made available on the web and the students are consulted by voting for their top 3 choices via a web interface (voting is managed by the departments directly);
 - In parallel, the CAP issues a call for host departments;
 - The National organizing committee (Regional Coordinators presided by the Lecture Tour Coordinator) then finalizes the choice of ~12 speakers and identifies the host departments;
 - The speakers and the host departments confirm their participation (beginning of December);
 - The National Coordinator finalizes the tour schedule (December/January), which is then announced to members via the web site and email (January/February).

