

Who we are

Physics Outreach and TSI Outreach are an enthusiastic group of students, postdocs, faculty, and staff who want to increase public awareness of and interest in physics and astronomy. We organize a variety of events in Montreal for the general public, educators, and our own McGill community, none of which would be possible without our growing team of dedicated volunteers.

Our goals are to:



Demystify physics and astronomy research, showing that science is interesting, accessible, and human!



Build and maintain strong, sustainable relationships with all participants.



Give students and postdocs the opportunity to develop science communication skills.



Promote the research that we do at TSI and McGill Physics & the people who do it.

Impact

91
events

> 25K
attendees

165
volunteers

1.8K
volunteer
hours

Ready to join our team of volunteers?

Fill out this form!



Contact us to learn more!

General inquiries:

outreach@physics.mcgill.ca

Specific programs:

tsi-outreach@physics.mcgill.ca

hackathon@physics.mcgill.ca

scienceinspace@physics.mcgill.ca

observatory@physics.mcgill.ca

Find us on social media!



/TSIMcGill

/McGillPhysicsVideos

OUTREACH

MCGILL PHYSICS & TROTTIER SPACE INSTITUTE



General Public

Public Talks

Our longest running program, dating back to 2011. Every month, we organize a public talk aimed at a broad audience. Speakers are usually McGill Physics or TSI professors, postdocs, or graduate students.



Astronomy on Tap

AoT features short astronomy talks, astronomy-themed games, and prizes, all in a local Montreal bar. AoT MTL is organised by a group of Montreal astronomers in collaboration with TSI, iREx, and CRAQ. Events alternate between being bilingual, in English, or in French.



Observing Nights

The Anna McPherson Observatory is an astronomical observatory that sits atop the Rutherford Physics Building. It acts as a space for tours and events for a diverse audience with public events every month.



Targeted Audiences

Space Explorers

Space Explorers is a program that brings hands-on physics experiments to elementary school students around Montreal. Sessions are led by undergraduate and graduate physics students.



Science in Space

Science in Space: How to Telescope is a collaboration between Physics, TSI, and Dell's Girls Who Game program. Girls and nonbinary kids in grades 5 & 6 learn about astronomy by building telescopes in Minecraft.



Nov. 15-17
2024

Hackathon

A weekend of programming and creativity for high schoolers to grad students. A team of 2-5 people put together a project which involves scientific computing and the physical sciences!



Festivals

Every year, we participate in various science festivals across Montreal. These include Science Literacy Week, 24 hours of Science, AstroFest at the Planetarium, and Festival Eureka.



Summer Camps

Summer programs and camps operating on the McGill campus often ask us to organize physics and astronomy workshops for high-school age students.



...and much more!