



MCGILL PHYSICS HACKATHON

The McGill University Department of Physics is proud to announce its first Hackathon! The event takes place July 9-10 and is open to students of all levels from high school through graduate. Participants will get a chance to hone their computing skills in application to interesting physics problems, receive mentorship from experts from industry (Lenovo, Microsoft, Intel) and science (Princeton, MIT, BNL), and compete for some neat prizes.

Who's invited?

Students from any university, CEGEP, and high school from any country with interest in physics, programming or computational arts are invited to apply! No extensive experience necessary - beginners are VERY welcome!

Where is it?

At the heart of the city of Montreal on July 9-10, 2016! This event will be hosted at the [Société des Arts et Technology](#) (SAT).

What should I bring?

Participants must bring their own laptops equipped with their own software of choice (compilers, visualization and analysis tools, etc). The SAT will provide light and sound projection technology for participants to use for projecting images and videos.

How much does it cost?

The admission costs 30\$ CAD, will provide light and sound projection technology for participants to use for projecting images and videos. This will also cover food, snacks and drinks throughout the event. Participants must make their own travel and accommodation arrangements. Group rates on McGill Campus residences will be available at [Royal Victoria College](#).

What is the format?

Participants in teams of 2 will be challenged to use any form of scientific computing tools of their choice to demonstrate the workings of any cool concept or phenomenon in the physical sciences. Don't have a teammate? Don't worry! We'll match you with someone at the event.

What criteria will be judged?

Any topic goes, but the synthesis of physics, mathematics, computing and art is what the judges will be looking for. The event will also feature special events and presentations from industry experts.

Will there be anyone to help?

All teams will have access to mentors proficient in physics and computer programming, who can help from finding a project idea to implementing it!

What is the grand prize?

Lenovo provides 2 Tablets for the winning team!

OK! Sign me up!

The event's registration is now open to everyone interested on the first come - first serve basis. Head to <https://www.tilt.com/tilts/mcgill-physics-hackathon-2016> and pay the \$30 registration fee. We'll get in touch with you after. Hurry up - we have limited number of spots available!

Have more questions? Want to sponsor or mentor our teams?

Send an email to hackathon@physics.mcgill.ca

Website www.physics.mcgill.ca/hackathon2016

Facebook www.facebook.com/McGillPhysicsHackathon

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