

# SATURDAY

## REGISTRATION

### Before the hackathon starts

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9 am - 11:00 am

#### REGISTRATION, BREAKFAST AND TEAM FORMING SESSION

- Feel free to mingle and introduce yourself. If you haven't found a team by 11am - please write on the chat or contact one of the organizers personally.
- By 11:30 am you must submit the list of all your team members (2-5 people) with the name of your team (the link to the form will also be in the #team-formation channel) If you encounter any difficulties - please contact one of the organizers (black t-shirt).

11:00 am - 12 pm

#### OPENING CEREMONY

12 pm

#### HACKATHON LAUNCHES!

- You can start hacking for the following 25 hours. The Phi Centre will be open all night for you! You are also free to leave and take breaks as you want.

## WORKSHOPS

### Special talk and workshops (optional)

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12:15 pm - 1:00 pm

USING COLAB FOR DATA ANALYSIS  
by Shibl Mourad, Google Montreal Site Director

1:00 pm - 1:45 pm

ARDUINO WORKSHOP AND DEMO  
by Joel Trudeau, Physics Teacher at Dawson College

1:45 pm - 2:30 pm

INTRODUCTION TO PYTHON  
by Hannah Wakeling, Rtech, McGill University

2:30 pm - 3:30 pm

INTRODUCTION TO MACHINE LEARNING  
by Evgeny Naumov, Calcul Québec

# SUNDAY

## JUDGING

### After the hackathon project submission

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12 pm

HACKATHON ENDS!

- Teams MUST SUBMIT their projects by 12 pm!!!

12 pm - 2 pm

JUDGING

- Participants will be requested to show result of their work, so please stay in teams and be ready to present your project). See the judging criteria.

2 pm - 3 pm

FINALIST PRESENTATION

3 pm - 3:30 pm

AWARD AND CLOSING CEREMONY

## MEALS

### Meals and Snacks Schedule

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#### NOVEMBER 3rd

9:00 am

BREAKFAST

12:00 pm

LUNCH

4:00 pm

SNACKS

8:00 pm

DINNER

#### NOVEMBER 4th

12:00 am

MIDNIGHT SNACK

9:00 am

BREAKFAST

12:00 pm

LUNCH

# INFORMATION

## LOCATION

Phi Centre

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November 3-4, 2018

407 Saint-Pierre Street,  
Montreal, QC H2Y 2M3

## WI-FI

Network: McGill Physics Hackathon

Password: McGillPhysHack18

## CONTACT

### CONTACT US PERSONALLY:

Organizers will be glad to answer to any questions that you might have, including ones on physics and programming. We wear black t-shirts!

Mentors would love to help you with your projects! If you have tricky questions - please contact them! They are wearing special badges.

### CONTACT US VIA SLACK

(check your email for an invite or ask one of the organizers for help if you have trouble):

**#announcements** is used by organizers to send broadcast to all hackers (the links to all relevant resources like project ideas or libraries to be used will be posted there - have a look at it from time to time)

**#contact-organizers** is constantly monitored by the organizers - any questions are welcome!

**#contact-mentors** use this channel to either ask a question on physics or programming or ask a free mentor to come to your team to discuss your project. Mentors will be doing shifts during the hackathon, so please use this channel instead of writing private messages to mentors.

# INFORMATION

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### CONTACT US VIA SLACK

**#team-formation** will be used to find collaborators. You can write something like "I'm more of a programmer/physicist/designer. I have an/no idea for a project. I'm a great/amazing/awesome team player and I'm looking for a team!" We will post some project ideas in this channel as well. Also, take a look at last year's submissions and/or post in **#contact-mentors** something like "We eventually formed a team, but have no idea for a project. Could you please give us a hand?"

**#general** is where you can talk with all hackers about any stuff you want. Feeling bored, want to know who is awake, or where to find the best poutine in Montreal? Here's your chance!

**#project-submission** a link to the project submission website on HackHub will be posted here. If you have any questions regarding submitting your project -- please ask them here, too (organizers might be not the only one who can help you with that). If you are planning to create a presentation for your project we recommend you to use 16:9 ratio. Projector's resolution is 1920x1080.

**@organizer-name** are organizers (please feel free to write a private message to any of us - we'll be happy to help you)

## ADDITIONAL

### Let's keep in touch

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Contact us to learn about Outreach Events that we organize at  
<http://www.physics.mcgill.ca/outreach/>  
Email: [outreach@physics.mcgill.ca](mailto:outreach@physics.mcgill.ca)

## CODE OF CONDUCT

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Please visit our code of conduct at  
[http://www.physics.mcgill.ca/hackathon2018/images/code\\_of\\_conduct.pdf](http://www.physics.mcgill.ca/hackathon2018/images/code_of_conduct.pdf)