Acceleration Camp 2019 06

short-term collaborative research environment

June 3 – June 13 2019

John Abbott College

research programme: "classical mechanics meets accelerometers"

activities and skills:

- scientific computing with python, including some machine-learning techniques
- experimental design and data collection
- documentation and scientific communication
- project management

We will be exploring the use of some new unpublished techniques for the analysis of accelerometer time series. We will work on a volunteer basis, using a one-room-schoolhouse model in which we all learn by helping each other.

skills to bring and preparation:

- Python programming
    - install PyCharm IDE
    - install your favorite version-control system and connect to
- 3D modeling/printing

Organizer:

Chris Isaac Larnder, Physics Department, John Abbott College

Preparation details before camp start:

- Bring a laptop
- create an account on github.com
- Install "tortoise svn"
    - programmers: If you have a different favorite version-control client, use it instead
- fork, clone or checkout the following URL:
    - https://github.com/larnder/2019_06_AccelerationCamp.git/trunk