PSD MIXER MAY 2021

: Friday, May 28th, 2021

: 2:30pm

: via Zoom

: Get comfortable! Grab your favourite beverage and find a comfortable spot to join us!

: Treats will be on us via UberEats!

: Turn on your camera! We miss your faces!

: Cameos by pets, babies, plants, etc., are most welcome!

ZOOM

https://ca01web.zoom.us/j/69901313805?pwd=S2YwekJMSUw5a2xza3VkSEdWS1VBdz09

BY PHONE, ETC.

One tap mobile: Canada:
+16132093054,,69901313805#,,,,*247493#
or
+16473744685,,69901313805#,,,,*247493#

Meeting ID: 699 0131 3805

Passcode: 247493

International numbers

PLEASE KEEP YOUR MICS MUTED

"WHAT'S THE GIST, PHYSICIST?"

Agenda:
- Division updates w/ Jens (~10 min)
- Q+A w/ Jens (~5 min)
- "Image Recognition for Particle Detection: How ATLAS is Utilizing the Technology Behind Cat Identification to Measure Particles" – Max Swiatlowski
- Laughing Yoga w/ Rick Maharaj to welcome the weekend

10 years ago, searching through your photo library for that one picture of a cat would have taken a lot of your own time, dedication, and scrolling. Today, you can open your phone, type in the query, and get all the cats in your photo library instantly. Machine learning, and in particular image recognition, has revolutionized how people interact with information, and it is having a huge impact on science too. In this talk, I'll show how scientists from TRIUMF are using image recognition technology to better identify and reconstruct particles recorded by the ATLAS detector in collisions produced at the Large Hadron Collider. No cats were collided in this work!.