ONT MinION workshop

Genomics Aotearoa

Tom Harrop
tom.harrop@otago.ac.nz

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Visiting tutors

- Kirston Barton
  Garvan Institute, Sydney
- Louise Judd
  Bio21, University of Melbourne
- Benjamin Schwessinger
  ANU, Canberra
- Simone Cree
  Otago University, Christchurch
- Alexis Lucattini
  AGRF, Melbourne
- Chris Winefield
  Lincoln University

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Tuesday 17th - Day 1

09:00 - 10:00 Welcome & computer setup (319)
10:00 - 10:45 Talk: Simone Cree (319)
10:45 - 11:00 Coffee (319)
11:00 - 11:45 Talk: Chris Winefield (319)
11:45 - 12:15 Intro to library prep & sample QC (128)
12:15 - 13:00 Lunch (CFI)
13:00 - 17:00 Library prep (128)
17:00 - 17:15 Flowcell QC (128)
17:15 - 17:30 Start sequencing (319)

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Wednesday 18th - Day 2

09:00 - 09:15 Check FCs +/- stop sequencing (319)
09:15 - 10:00 Talk: Benjamin Schwessinger (319)
10:00 - 10:30 Coffee (319)
10:30 - 11:15 Talk: Louise Judd (319)
11:15 - 12:00 Talk: Kirston Barton (319)
12:00 - 13:00 Lunch (CFI)
13:00 - 13:15 Stop sequencing and collect laptops (319)
13:15 - 13:45 Wash FCs (128)
13:45 - 14:00 Start transferring fast5 (231)
14:00 - 14:45 Talk: Alexis Lucattini (231)
14:45 - 15:00 Coffee (231)
15:00 - 17:00 Analyse results (231)

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Thursday 19th - Day 3

```
09:00 - 11:55 Continue analysis (319)
11:55 - 12:00 Close
```

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Organisation

- Tom Harrop — tom.harrop@otago.ac.nz
- Ange Hendry — genomics.aotearoa@otago.ac.nz
- Andy Nilsen — andy.nilsen@otago.ac.nz
- Workshop website
  - https://nanopore-dunedin.github.io/

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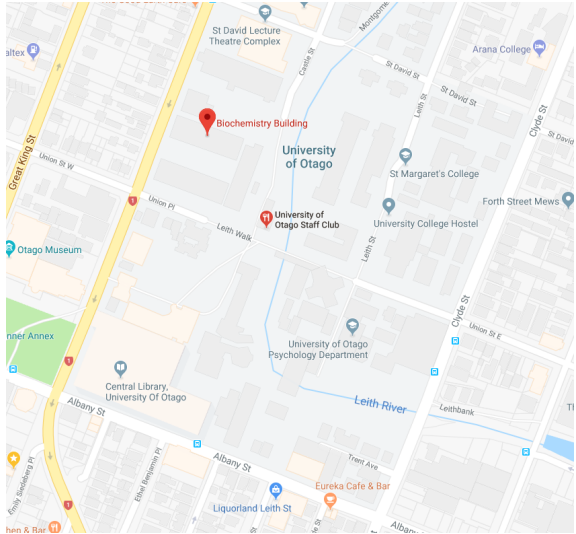
Dinner tonight from 6:30 p.m.



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MinKNOW instructions for Ubuntu 16.04

```
# Add ONT's repo to `apt`
wget -O- https://mirror.oxfordnanoportal.com/apt/ont-repo.pub \
    | sudo apt-key add -
echo "deb http://mirror.oxfordnanoportal.com/apt xenial-stable non-free" \
    | sudo tee /etc/apt/sources.list.d/nanoporetech.sources.list

# Install MinKNOW
sudo apt-get update
sudo apt-get install minknow-nc
```

- also works for Ubuntu 17.10

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