**PoreCamp Information Pack 15-19th August:**

Dear Participant,

Welcome to Penryn and the University of Exeter. We are delighted to welcome you to the course and hope you will learn and enjoy much during the next week.

Enclosed you should find:

* Campus map
* Timetable (subject to alteration, please see website for latest updates)

**Emergency contacts:**

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| **Name** | **Role** | **Telephone number** | **Email address** |
| Konrad Paszkiewicz | Course organiser | +44 (0) 7751868836 | [k.h.paszkiewicz@exeter.ac.uk](mailto:k.h.paszkiewicz@exeter.ac.uk) |
| Vicki Sutcliffe | Accommodation transport or meals | +44 (0) 1326 253466 | [victoria.sutcliffe@fxplus.ac.uk](mailto:victoria.sutcliffe@fxplus.ac.uk) |

**PoreCamp draft timetable 15-19th August:**

* **Monday 15th August:**
  + 12:30  – Registration and welcome buffet in Yellow Seminar Room
  + 14:30 – Introduction to Porecamp (Konrad Paszkiewicz)
  + 15:00 – Overview of the MinIon platform (Nick Loman)
  + 15:30 – Making a good library (Justin O’Grady)
  + 16:30 – Designing your own experiment (Led by Josh, but primarily evaluating QC of participant submitted samples, 1-2 minute talks by participants outlining their QC and their sample). Assigning individuals to rotation groups.
  + 18:30 – Settle into accommodation
  + 19:30 – Group dinner on campus

* **Tuesday 16th August:** (Group A library prep, Group B MinIon running, Group C Bioinformatics)
  + Meet at 9am-9.15am for a group update in Yellow Seminar Room
  + Lunchtime seminar from **Matt** **Loose**– Understanding event calling and MinIon data

* **Wednesday 17th August:** (Group C library prep, Group A MinIon running, Group B Bioinformatics)
  + Meet at 9am-9.15am for a group update in Yellow Seminar Room
  + Lunchtime seminar from **John** **Tyson**– title TBA

* **Thursday 18th August:** (Group B library prep, Group C MinIon running, Group A Bioinformatics)
  + Meet at 9am-9.15am for a group update in Yellow Seminar Room
  + Lunchtime seminar from **Claire** **Lonsdale**– Utilising nanopore sequencing for biothreat detection
* **Friday 19th August:**
  + Meet at 9am-9.15am for a group update in Yellow Seminar Room
  + 09:15-10:15 – Seminar from **Josh** **Quick**– Deploying a portable nanopore sequencing system
  + Lab practical: Bioinformatics continued
  + 13:00  Lunch and wrap up (Nick Loman & Konrad Paszkiewicz)

**Rotation 1: QC & Library prep (led by Josh and Justin):**

* 09:15 – Overview of Oxford Nanopore library preparation (Josh Quick)
* 09:30 – Lab practical: QCing samples
* 11:00 – Lab practical: Library preparation
* 13:00 – Lunch and seminar
* 14:00 – Library preparation continued
* 18:00 – Group reporting
* 18:30 – Dinner

**Rotation 2: MinIon operation and hacking (led by Matt and John):**

* 09:15 – Setting up and configuring laptops and MinKNOW (Matt Loose)
* 09:30 – Lab practical: Prepare laptops and MinION for sequencing
* 11:00 – Lab practical: Configuring run scripts to maximise data output and running MinIONs (John Tyson)
* 13:00 – Lunch and seminar
* 14:00 – Lab practical: Run interrogation and monitoring (Matt Loose)
* 18:00 – Group reporting
* 18:30 – Dinner

**Rotation 3: Bioinformatics and analysis (led by Nick):**

* 09:15 – Seminar – Overview of MinION data formats (Nick Loman)
* 09:30 – Lab practical: Accessing MRC CLIMB and exploring FAST5 data
* 11:00 – Lab practical: Mapping nanopore reads and variant calling
* 13:00 – Lunch and seminar
* 14:00 – Lab practical: Assembling nanopore data
* 18:00 – Group reporting
* 18:30 – Dinner

**Penryn Campus Maps:**



