Summer School in Bioinformatics 2019
24-28 June 2019
Wellcome Genome Campus,
Hinxton, Cambridge, UK

The Summer school will be held in Training Room 1 and 2, EMBL-EBI South Building
Lunch will be served in the poster area
Breakfast and Dinner will be served in Hinxton Hall Restaurant

Draft Programme

Monday 24 June 2019

10:00-10:30  Registration with Morning Coffee

10:30-11:30  Welcome and Introduction
Alexandra Holinski, EMBL-EBI, UK

11:30-12:30  The science of bioinformatics
Alex Bateman, EMBL-EBI, UK

12:30-14:00  Lunch and Poster Session

14:00-15:30  Data visualization 101: A practical introduction to designing scientific figures
Niki Karamanis, EMBL-EBI, UK

15:30-16:30  Activity
Alexandra Holinks, EMBL-EBI, UK
Sarah Morgan, EMBL-EBI, UK

Afternoon Tea available throughout the session

16:30-17:30  Good data management: Making your data FAIR
Peter McQuilton
Oxford e-Research Centre, UK

17:30-18:00  Bedroom check-in
The group will be taken to the Conference Centre for check in

18:00-19:00  Networking Drinks
Hinxton Hall Lounges

19:00 prompt  Dinner

19:00  Cash Bar
Hinxton Hall
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>07:30-08:45</td>
<td><strong>Breakfast</strong></td>
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| 09:00-10:00 | Introduction to EMBL-EBI data resources                               | Melissa Burke, EMBL-EBI, UK  
Sarah Morgan, EMBL-EBI, UK                                                   |
| 10:00-10:45 | Introductory computational skills                                     | Mohamed Alibi, EMBL-EBI, UK                                                |
| 10:45-11:15 | **Morning Coffee**                                                   |                                                                            |
| 11:15-12:00 | Introduction to EMBL-EBI web services                                 | Fabio Madeira, EMBL-EBI, UK                                                |
| 12:00-13:30 | **Lunch and Poster Session**                                         |                                                                            |
| 13:30-15:30 | Managing reproducible in silico analysis with Nextflow                | Evan Floden/Paolo Di Tommaso, Centre for Genomic Regulation, Spain          |
| 15:30-16:00 | **Afternoon Tea**                                                    |                                                                            |
| 16:00-18:00 | Introduction to group projects and meet your mentors                  | Sarah Morgan, EMBL-EBI, UK  
All Mentors                                                                    |
| 19:00 prompt| **Dinner**                                                           |                                                                            |
| 19:00       | **Cash Bar**                                                         | Hinxton Hall                                                                |
Wednesday 26 June 2019

07:30-08:45   Breakfast
09:00-10:30   Group Work
10:30-11:00   Morning Coffee
11:00-12:00   Group Work
12:00-12:30   Mini Tutorial: Machine Learning – a short Introduction
              Rabie Saidi, EMBL-EBI, UK
12:30-12:40   Group Photograph
12:40-13:30   Lunch
13:30-14:15   Keynote Speaker
              A guided tour of parametric representations for the analysis of objects in bioimages
              Virginie Uhlmann, EMBL-EBI, UK
14:15-15:00   Group Work
              Afternoon Tea available throughout the session
15:00-15:30   Group projects – 2 minute interim report
15:30-18:00   Group Work
19:00 prompt  Dinner
19:00         Cash Bar
              Hinxton Hall
Thursday 27 June 2019

07:30-08:45 Breakfast
09:00-10:30 Group Work
10:30-11:00 Morning Coffee
11:00-12:00 Group Work
12:00-12:30 Mini Tutorial
   Lee Larcombe, NexaStem, UK
12.30 -13:30 Lunch
13:30-14:30 Group Work
14:30-15:00 Afternoon Tea
15:00-17:45 Group Work
17:45-18:30 Keynote Speaker
   Big Alignment, Big Phylogenies, Big Mess?
   Cedric Notredame, Centre for Genomic Regulation, Spain
18:30-19:30 Pre Dinner Drinks
19:30 prompt Silver Service Diner
19:30 Cash Bar
   Hinxton Hall
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<td>Breakfast &lt;br&gt;Ensure you are checked out at the Conference Centre Reception after breakfast and bring your luggage to the EMBL-EBI South Building</td>
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<tr>
<td>09:00-10:30</td>
<td>Preparation of group presentations</td>
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<td>Group presentations</td>
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<td>14:00-15:00</td>
<td>Awards ceremony, course feedback and wrap up</td>
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<td>15:30 prompt</td>
<td>Coach depart to Cambridge City Centre and Train Station</td>
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