

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 Holinski, 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

Tuesday 25 June 2019

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| 07:30-08:45 | Breakfast |
| 09:00-10:00 | Introduction to EMBL-EBI data resources <i>Melissa Burke, EMBL-EBI, UK</i> <i>Sarah Morgan, EMBL- EBI, UK</i> |
| 10:00-10:45 | Introductory computational skills <i>Mohamed Alibi, EMBL-EBI, UK</i> |
| 10:45-11.15 | Morning Coffee |
| 11:15-12:00 | Introduction to EMBL-EBI web services <i>Fabio Madeira, EMBL-EBI, UK</i> |
| 12:00-13:30 | Lunch and Poster Session |
| 13:30-15:30 | Managing reproducible in silico analysis with Nextflow <i>Evan Floden/Paolo Di Tommaso, Centre for Genomic Regulation, Spain</i> |
| 15:30-16:00 | Afternoon Tea |
| 16:00-18:00 | Introduction to group projects and meet your mentors <i>Sarah Morgan, EMBL-EBI, UK</i> <i>All Mentors</i> |
| 19:00 prompt | Dinner |
| 19:00 | Cash Bar Hinxton Hall |

Wednesday 26 June 2019

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| 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 <i>Rabie Saidi, EMBL-EBI, UK</i> |
| 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 <i>Virginie Uhlmann, EMBL-EBI, UK</i> |
| 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

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| 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 <i>Lee Larcombe, NexaStem, UK</i> |
| 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? <i>Cedric Notredame, Centre for Genomic Regulation, Spain</i> |
| 18:30-19:30 | Pre Dinner Drinks |
| 19:30 prompt | Silver Service Diner |
| 19:30 | Cash Bar Hinxtton Hall |

Friday 28 June 2019

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| 07:30-08:45 | Breakfast <i>Ensure you are checked out at the Conference Centre Reception after breakfast and bring your luggage to the EMBL-EBI South Building</i> |
| 09:00-10:30 | Preparation of group presentations |
| 10:30-11:00 | Morning Coffee |
| 11:00-12:00 | Group presentations |
| 12:00-13:00 | Lunch |
| 13:00-14:00 | Group presentations |
| 14:00-15:00 | Awards ceremony, course feedback and wrap up |
| 15:30 prompt | Coach depart to Cambridge City Centre and Train Station |