

Eleftherios Zormpas





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LEARNING OBJECTIVES





- Describe and discuss core technologies for spatial transcriptomics
- Make use of key computational technologies to process and analyse STx data
- Apply an analysis strategy to obtain derived results and data visualisations
- Appreciate the principles underlying spatial data analysis
- Understand some of the methods available for spatial data analysis
- Apply said methods to an example STx data set

SCHEDULE FOR THE DAY



- ≥ 09:00 10:45: Introduction to Spatial Transcriptomics (STx) (1h 45min)
 - > Theory: 45min
 - > Practise: 1h
- > 10:45 11:00: Coffee break (15min)



- **▶** <u>11:00 13:00:</u> Introduction to STx analysis methods (2h)
 - > Theory: 30min
 - Practise: 1h 30min
- > <u>13:00 14:00:</u> Lunch break (1h)
- > 14:00 16:00: Introduction to geocomputation for spatial data analysis (2h)
 - > Theory: 45min
 - > Practise: 1h 15min
- > 16:00 16:15: Coffee break (15min)
- > 16:15 18:00: Introduction to STx analysis with geocomputational methods (1h 45min)
 - > Theory: 45min
 - > Practise: 1h

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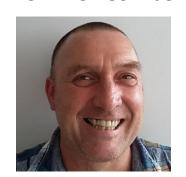


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