



Training Course

Data Management, Reproducibility and Research Integrity

23th and 25th February 2021

- Organisers:** Phillip Lord and Catharien Hilkens - Newcastle University, UK
- Facilitators:** Phillip Lord, Catharien Hilkens, Ayesha Sahar (Newcastle University, UK), Michael Rehli (University Hospital Regensburg, Germany), James Malone (SciBite, UK)
- Dates:** Tuesday 23 February 2021, 13.00-17.00 CET (12-4 pm UK time)
Thursday 25 February 2021, 13.00-17.00 CET (12-4 pm UK time)
- Venue:** ZOOM, hosted at Newcastle (see details on the next page)
- Main Contacts:** Phillip Lord and Catharien Hilkens (phillip.lord@newcastle.ac.uk; catharien.hilkens@newcastle.ac.uk)
- Pre Work:** Data Management for Instruct Video (by Phillip Lord) - all ESRs are expected to watch this video before this Course. All ESRs to bring their own data management plans
- Requirement:** Please have access to a laptop or desktop (not a tablet or smartphone), especially for James Malone's session

Tuesday 23th February 2021 (All times below are in CET)

- 13.00-13.15** **Introduction**
Phillip Lord - Newcastle University, UK
- 13.15-13.30** **Data Management, Data Standards, Data Integration**
Phillip Lord - Newcastle University, UK
- 13.30-14.00** **Case Study: Experiences in GDPR conformant handling of sequencing data**
Michael Rehli - University Hospital Regensburg, Germany
- 14.00-14.45** **Reproducible Research, Responsible Innovation, Research Integrity**
Phillip Lord - Newcastle University, UK
- 14.45-15.30** *Tea break (with breakout rooms)*
- 15.30-17.00** **Bring your own data management plan**
Phillip Lord & Catharien Hilkens - Newcastle University, UK
- 16.50-17.00** **Closing Remarks**
Phillip Lord - Newcastle University, UK

Thursday 25th February 2021 (All times below are in CET)

- 13.00-15.00** **Data mining and machine-learning**
James Malone - SciBite, UK
- 15.00-15.30** *Tea break (with breakout rooms)*
- 15.30-16.00** **Case Study: MITAP - how it happened**
Catharien Hilkens - Newcastle University, UK
- 16.00-16.15** **Data Harmonization across Instruct**
Ayesha Sahar - Newcastle University, UK
- 16.15- 16.50** **'Post-it note' exercise: Data Standards and Vocabulary for Instruct?**
Phillip Lord, Catharien Hilkens, Ayesha Sahar - Newcastle University, UK
- 16.50-17.00** **Closing Remarks**
Phillip Lord - Newcastle University, UK

