ELIXIR Meeting, 4-5 November 2013

Lightning Talk
Chris Ponting
1. What are the training needs and what are you doing to address these needs?

- CGAT trains scientists at post-doctoral level in the analysis of next-generation sequencing data. Post-doctoral trainees in the CGAT group benefit from in-house training, but also the biological insights of collaborators. Working on a variety of projects, trainees accumulate expertise in genome sequencing-related fields, as well as high profile publications.
3. What is your vision for a Pan-European, over-arching training strategy?

• The ELIXIR UK Node’s focus is **training**.
• This will be delivered in specialised **centres**, in **courses**, and through **e-learning**, in partnership with other ELIXIR Nodes and agencies.
• ELIXIR-UK will initially train postgraduate, postdoctoral and mid-career scientists, and will focus on the research-intensive bioscience and environment industries.
• Trainees from academia, industry and other user groups in ELIXIR member states will build **interdisciplinary bridges** between scientists newly empowered to integrate large data sets into their scientific programmes, and scientific technologists trained in providing trusted and sustainable software.
• The Node will produce **sophisticated users and producers of infrastructure** who then can apply their expertise to the most important scientific questions.
2. What can you offer at a Pan-European level that is sustainable?

- Career structure for trainers
- Metrics to measure training outcomes and volume
- Gap analysis with industry etc
- Assessment of best/good practice in training
- Facilitation of training courses, particularly those that are interdisciplinary
- Engagement with UK RCs and H2020 to provide greater funding for training initiatives