ELIXIR Training Platform

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European Life Sciences Infrastructure for Biological Information
www.elixir-europe.org

Celia van Gelder
GOBLET Workshop 16-17 Nov 2015, Cape Town
ELIXIR – European life sciences infrastructure for biological information

OBJECTIVES

• Collection, quality control, archiving, integration of biological research data

• Long-term sustainability of core resources

• Accessible services, tools & datasets

• Technological solutions, including standards

• Capacity building
ELIXIR Platforms
User-driven implementation of ELIXIR through ELIXIR-EXCELERATE

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EXCELERATE – WP11
11.1 Building an ELIXIR Training Infrastructure
11.2 Delivering training to the EXCELERATE community
Mission: To establish an interactive ELIXIR wide training community across all member states that coherently delivers ELIXIR-related training.
WP11.1 Building an ELIXIR Training Infrastructure

Ensuring training quality, good practice and impact. UK, EBI
Sub task lead: Gabriella Rustici (UK) & Sarah Morgan (EBI)

TeSS Training Portal. UK, CH, PT, NL.
Sub task lead: Teresa Attwood (UK)

eLearning. SI, NL, CH, PT, IL, FI.
Sub task lead: Brane Leskosek (SI)

E-learning workshop 15-17 September 2015 Ljubljana, followed by second workshop 20 Nov 2015, Cape Town
WP11.2 Delivering training to the EXCELERATE Community
WP11.2 Delivering training to the EXCELERATE Community

Train the Developer and Infrastructure Operator. EE, EBI, SE, IL
Sub task lead: Hedi Peterson (EE)

- Virtual Community
- Inventory of training needs & set up training

Train the Researcher. ES, CH, UK, NL, SI, NO, PT, GR, FI
Sub task lead: Alex Upton (ES) & Rita Hendricusdottir (UK)

- Software Carpentry & Data Carpentry
- HPC computing
- Galaxy & Chipster
- Driven by use case needs
WP11.2 Delivering training to the EXCELERATE Community, contd

Train the trainer. IT, EBI, FI, SE, CH

Sub task lead: Allegra Via (IT)

- Build community of ELIXIR instructors, train new instructors
- Develop TtT framework, including guidelines & best practices
- Implement TtT events in ELIXIR courses
ELIXIR – GOBLET Collaboration


ELIXIR-GOBLET Collaboration strategy:

• Collaboration between ELIXIR’s and GOBLET's training portals

• Collaboration on train-the-trainer and train-the-researcher activities.

• Joint exploration of training 'accreditation' mechanisms

• Sharing of best practice, standards and expertise on professionalising bioinformatics training

Hackathon for metagenomic training material re-use, April 2016, Denmark
Other collaborators

Liaise with Software Carpentry/Data Carpentry foundation (pilot already ongoing). Build SC/DC capacity in the ELIXIR nodes.

Galaxy, ELIXIR strategy under development. Galaxy is a topic in the *Train the researcher* subtask of WP11.

Discuss and align ELIXIR’s training plans with those of the BD2K Training Coordination Center (TCC)

Research Data Alliance - exploring collaboration related to Data Science Schools
Thank you

... and everyone involved

ELIXIR Training Coordinators Group (TrCG)

Members: One Training Coordinator of each ELIXIR nodes plus the subtask leaders of EXCELERATE
ECCB 2016, 3-7 September 2016
The Hague, the Netherlands
15th European Conference on Computational Biology

http://www.eccb2016.org/
Call for Workshop and Tutorials is open!