

HDR UK Technology Ecosystem Workshop

Eastside Rooms, Woodcock Street, Birmingham, B7 4BL

Monday 6 February 2023, 10.00 – 18.30

Agenda

Time	Session	Who
10.00-10.30	Registration and coffee	All
	Launch of the HDR UK Technology Ecosystem	
10.30-10.50	Welcome and Overview of Technology Ecosystem and plans for the next 5 years	Emily Jefferson
10.50-10.55	Gateway Services	Roderic Comyn
10.55-11.00	Vision for the Gateway – 2.0	Chris Milner
	Federated Analytics	
11.00-11.10	Federated Analytics	Jon Couldridge
11.10-11.15	European/Global Initiatives	Carole Goble
11.15-11.20	Experience of EBI and EMBL of delivering distributed software products and services	Helen Parkinson
11.20-11.25	European Health Data Space (EHDS) and Global Data Interchange (GDI)	Tim Hubbard
11.25-11.30	TREs and opportunities for tech	Simon Thompson
11.30-12.00	Ice Breaker – the Animal Personality https://animalme.myworldofwork.co.uk/ Stick your animal type sticker to your name badge – these will be provided. Find other people in room of same type and introduce yourself and what you do.	All
12.00-13.00	Lunch	All
	Phenotype and Prognostic Atlas	
13.00-13.05	Phenotype Library	Shahzad Mumtaz
13.05-13.10	PhenoFLOW	Martin Chapman

13.10-13.20	Data Curation Pipelines in BHF Data Science Centre	Thomas Bolton and John Nolan
13.20-13.25	Prognostic Atlas	Harry Hemingway
13.25-13.30	Computable guidelines	Vasa Curcin
13.30-13.35	TBC	TBC
13.35-13.40	Infrastructure and Services and the Pillars	David Seymour
13:40-13:45	Pandemics and Outbreaks	Steve Harris
13.45-14.10	Coffee	All
14.10-16.50	Workshop	All
	<ul style="list-style-type: none"> • Work in teams on tables to address different questions. • Move to a different table after 25, 20, 20, 20, 20, 15, 15 and 15 mins (we will get faster over time). Eight moves total. • Each table has a nominated Chair to record notes and report back to the room. • See below for more details. 	
16.50-17.15	Coffee	All
17.15-17.45	Feedback to room on workshops	Table Chairs to report back
17.45-18.20	Hubs and Drivers	
17.45-17.50	Alleviate	Christian Cole
17.50-17.58	PIONEER / Medicines in Acute and Chronic Care	Suzy Gallier
17.58-18.05	Breathe / Inflammation and Immunity	Chris Orton
18.05-18.10	INSIGHT	Susan Mollan
18.10-18.15	Social and Environmental Determinants of Health	Andy Boyd
18.15-18.20	Molecules to Health Records	Sam Lambert
18.20-18.30	Close out	Emily Jefferson
18.30-19.30	Networking drinks	All welcome

19.30-21.30	Dinner	All welcome
21.30	End	All

Workshop Questions

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1. Principles for code development (Chair: Jon Couldridge)

What are our principles around open-source code development? (Strawman set of principles as a starting point for discussions) e.g.

- Must be open source (does the licence type matter?)
- Must have relevant and meaningful automated tests.
- Must have APIs.
- Do not fork the code!
- Release early and often.
- Must have documentation.
- Must have version control.
- Code must be reviewed before including in code base.
- Code should be formatted.
- Code must be usable and modular.

<https://pubmed.ncbi.nlm.nih.gov/27635232/> - Top 10 metrics for life science software good practices

2. Organisational (Chair: Helen Parkinson)

- How often do we want to get together?
- What should our meeting structure be?
- Do we want to align sprint teams and/or release cycles?
- Where can we share resources? Scrum planning? Testing releases?

3. Decision making (Chair: Suzy Gallier)

- What is our process for making roadmap decisions (centralised, distributed)?
- Who makes design decisions and who approves the decisions?
- How do we assess code quality and whether or not to include new code?

4. Technical (Chair: Chris Milner)

- Do we want to standardise on tech stacks?
- Where does it make sense to work on a shared code base verses APIs?

5. Collaboration (Chair: Philip Quinlan)

- What is necessary to make collaboration work?
- What shared tools should we use?
- Do we want to work on combined sprints across different programs?
- How do we communicate across programmes?

6. Standards (Chair: Simon Thompson)

- Where should we standardise?
- Is OMOP enough as a standard for a technical ecosystem?

7. 12-month goals (Chair: Harry Hemingway)

- What should we have in place in 12 months from now for each different programme?
- Where should goals overlap across programmes?

8. New opportunities (Chair: Carole Goble)

- Where are new opportunities for collaboration or sharing product development coming out of today?