



# Agenda

- 10:00 Welcome & ACIT-Hub intro
- 10:15 Learning Journeys
  - Developing FAIR 4 Research Software Training  
*Tamora James (University of Sheffield)*
  - A Journey to HPC in DevOps & Config Management  
*Dean Roe (University of Surrey)*
  - Establishing the HPC Hardware Lab  
*Alastair Basden (University of Durham)*
- 11:00 Discussions Training Content
- 12:30 Lunch
- 13:30 ACIT Hub Training and CPD
- 13:45 Learning Journeys
  - Building Career Pathways for RSEs  
*Romain Thomas (University of Sheffield)*
- 14:00 Discussions Training methods and CPD
- 15:45 Closing thoughts
- 16:00 Close

# Code of Conduct



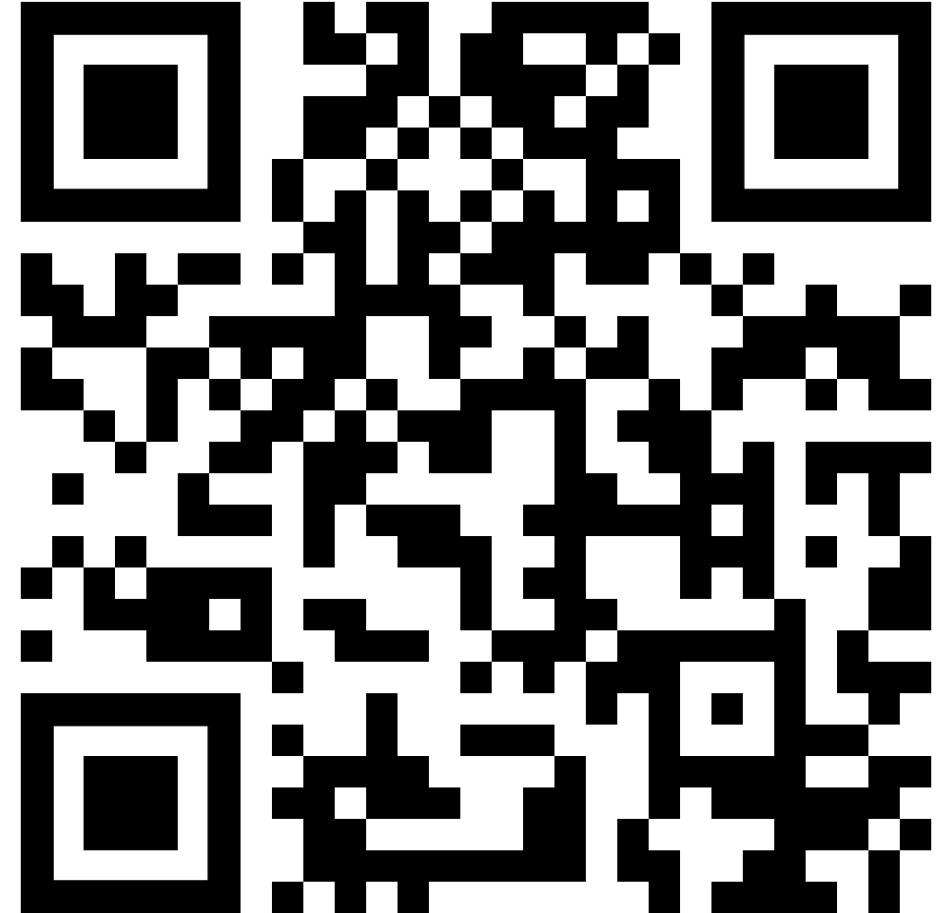
- Provide a harassment-free experience for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, or religion.
- All communication should be appropriate for a professional audience including people of many different backgrounds.
- Be kind to others. Do not insult or put down other attendees. Behave professionally. Remember that harassment and sexist, racist, or exclusionary jokes are not appropriate
- No Video - Chatham House Rules – free to use the information but not reveal the identity or affiliation of the speaker

Based on RSLondon, CW19 and RSE18 which are in turn based on the example anti-harassment policy from the Geek Feminism wiki, created by the Ada Initiative and other volunteers under CC0 license.

# EDI



- EDI Monitoring for today
- Not interested in individual data
  - All data disassociated at source
- Interested in community
  - Where do we come from?
  - What are our needs?
- Still learning – give us feedback!





# ACIT-HUB

ACCELERATED COMPUTE  
INFRASTRUCTURE TRAINING HUB

Helen Cooper  
Thursday 3rd July 2025  
Sheffield CoDesign Day



UK Research  
and Innovation



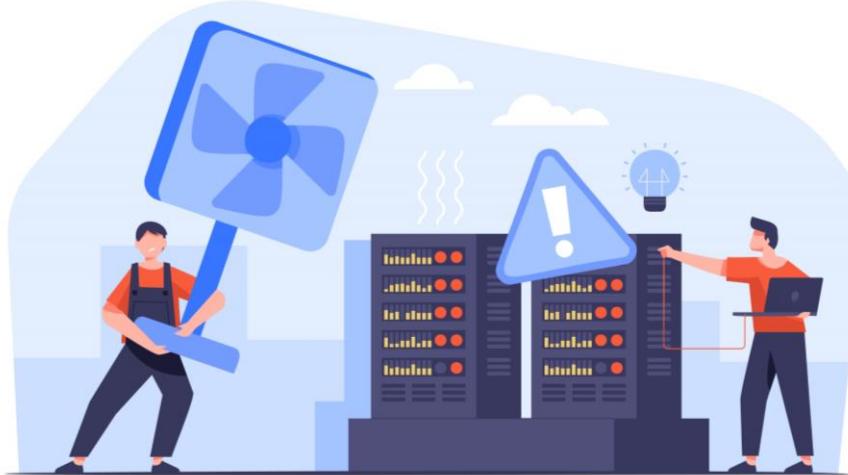
Engineering and  
Physical Sciences  
Research Council

# RIE's?



## Research Infrastructure Engineers

**Who you call when HPC breaks**



**RIE superheroes**



**Experts in  
everything**

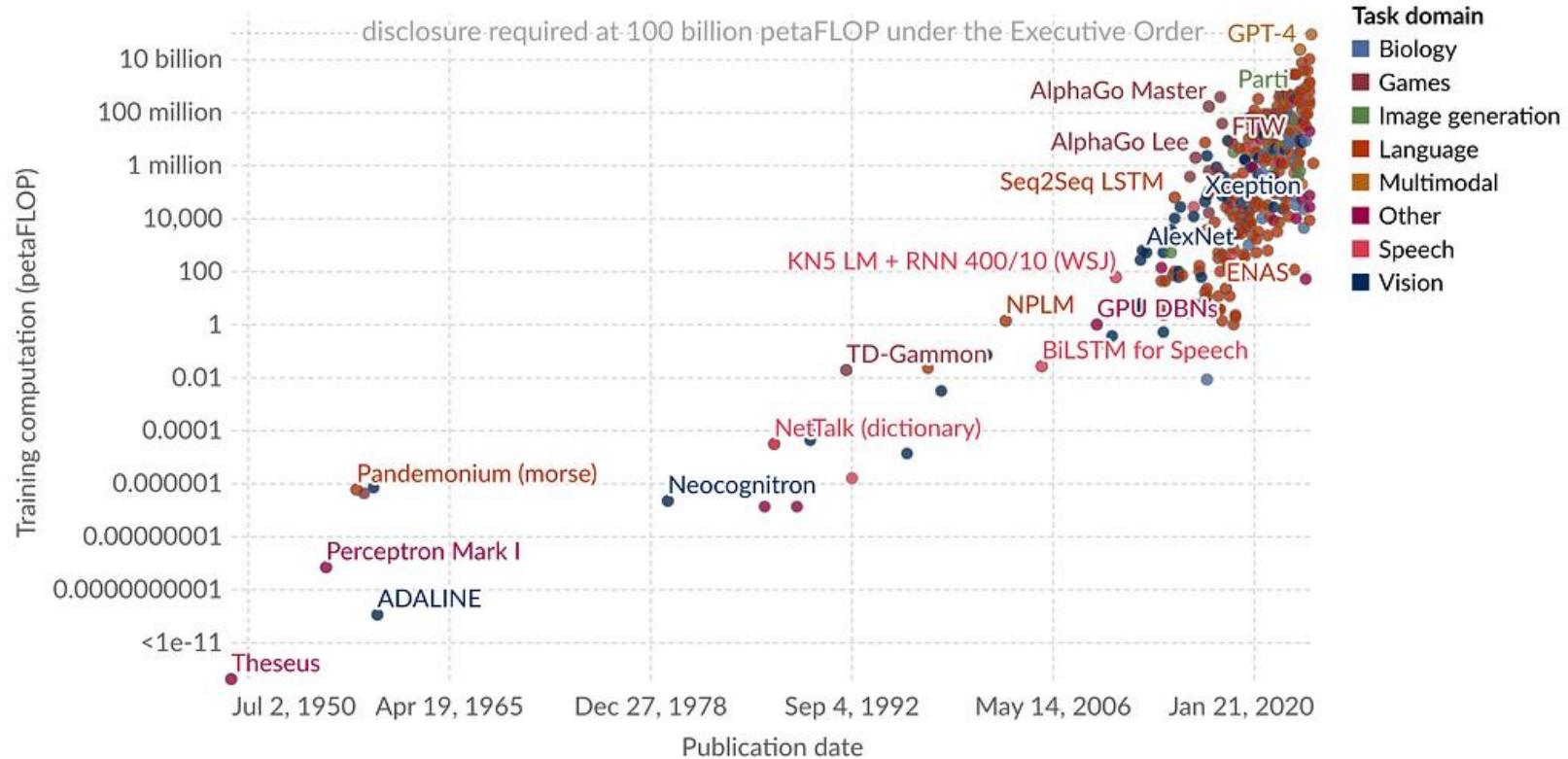
**RIE super teams**





# The AI ‘Issue’

## Computation used for AI Models



Data source: Epoch (2024)

OurWorldInData.org/artificial-intelligence | CC BY

## More Compute - More Models - Different Culture



# Team



UNIVERSITY OF  
**SURREY**



Dr Helen Cooper



Mr Dean Roe



Dr Jaydeep Mody



Prof Mark Plumley



UNIVERSITY OF  
**OXFORD**



Mr Andrew Gittings



Prof Wesley Armour



University of  
**Sheffield**



Dr Twin Karmakarm



University of  
**BRISTOL**



Dr Matthew Williams

**IMPERIAL**



Dr Andrew Richards



Dr Dugan Witherick



# Supporters

## RTP Networks



## Research Networks



## Vendors



Hewlett Packard  
Enterprise



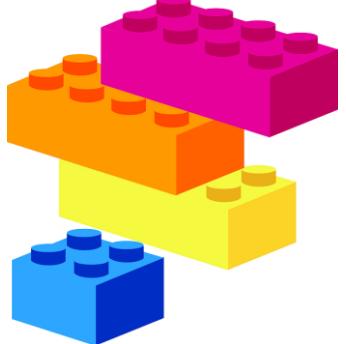
## Technology





# Vision

**Training  
building blocks**



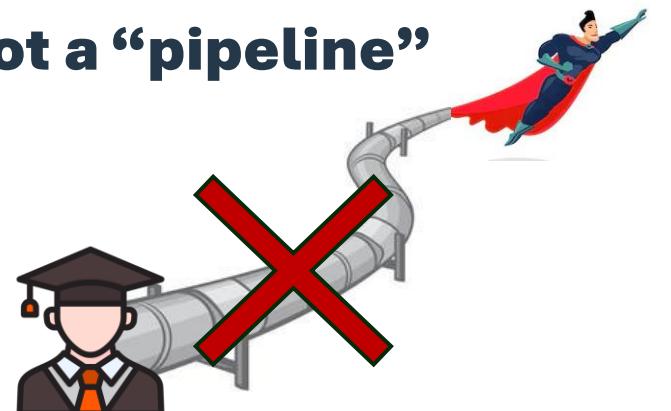
**Skills gap  
analysis**



**RIE superheroes**



**Not a “pipeline”**



**RIE super teams**



**Connected  
and agile  
talent pool**



**Value and  
recognition**





# Broad Topics

**Accelerators**

**Storage & Data Management**

**Networking & Datacentres**

**Orchestration**

**Cloud**

**Professional Development**



# Approach

Industry  
trusted  
training



Mentorship

Secondments

CPD Days  
BoF sessions  
Hackathons  
Short Courses  
Self-paced online  
Translational Skills

Bootcamps, Apprenticeships,  
Hands on support, Train the Trainer



Success  
Stories  
for REF

Technician  
Commitment

UG & PG  
Teaching

Academia  
Valued Metrics



• [ACIT.surrey.ac.uk](http://ACIT.surrey.ac.uk)



# Links!

• [ACIT@jiscmail.ac.uk](mailto:ACIT@jiscmail.ac.uk)



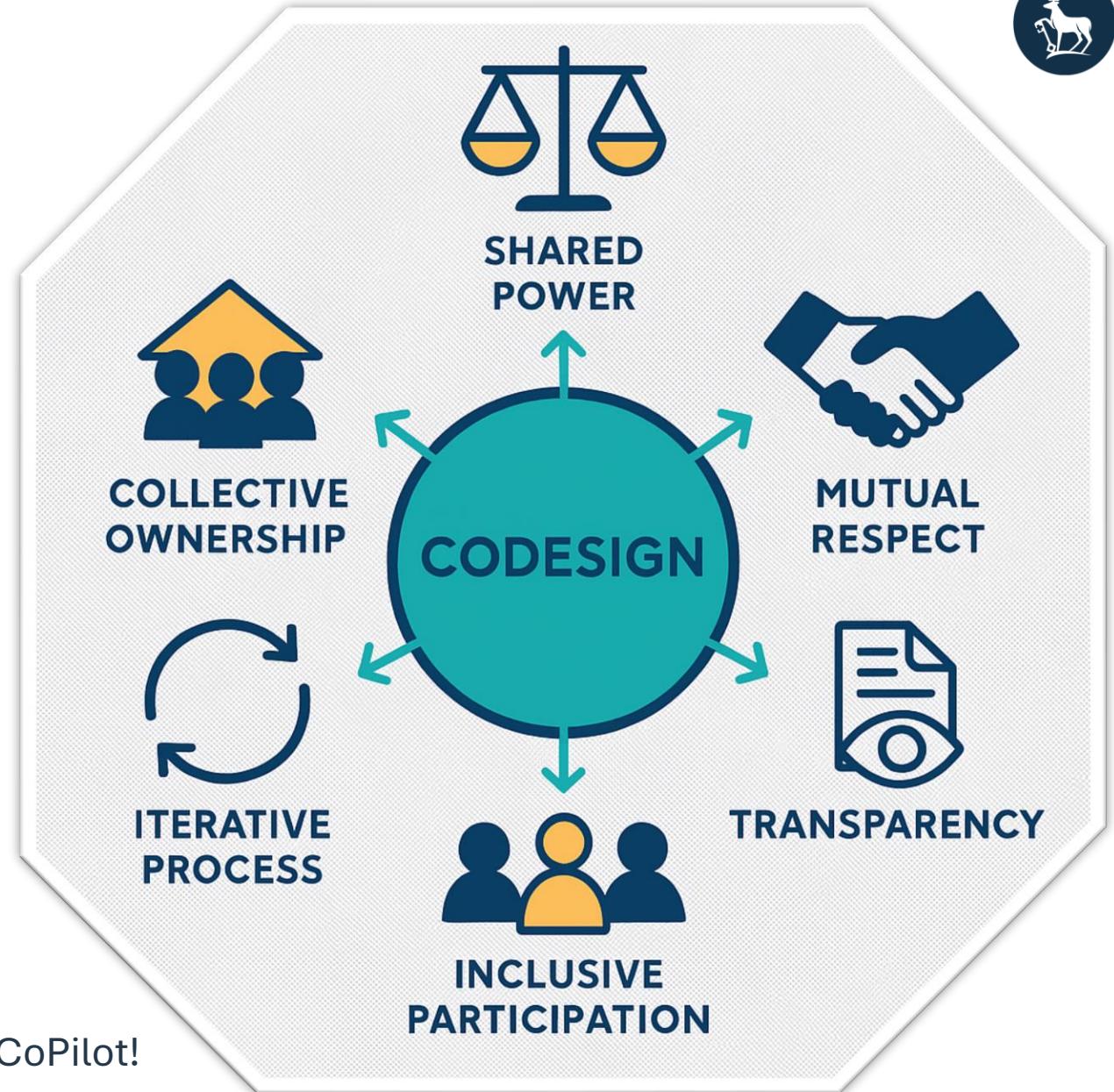
UK Research  
and Innovation



Engineering and  
Physical Sciences  
Research Council

CoDesign is a collaborative approach that brings together diverse voices to shape solutions that are inclusive, effective, and sustainable. \*

\*Thanks CoPilot!





# Discussions

## What do you need to climb this mountain?

- World Café style (loosely)
- 15 – 20 mins per session
- Chair stays at their table to share ideas to the new group
- Group moves to different tables
- After 4 sessions we ‘Harvest’ each table

