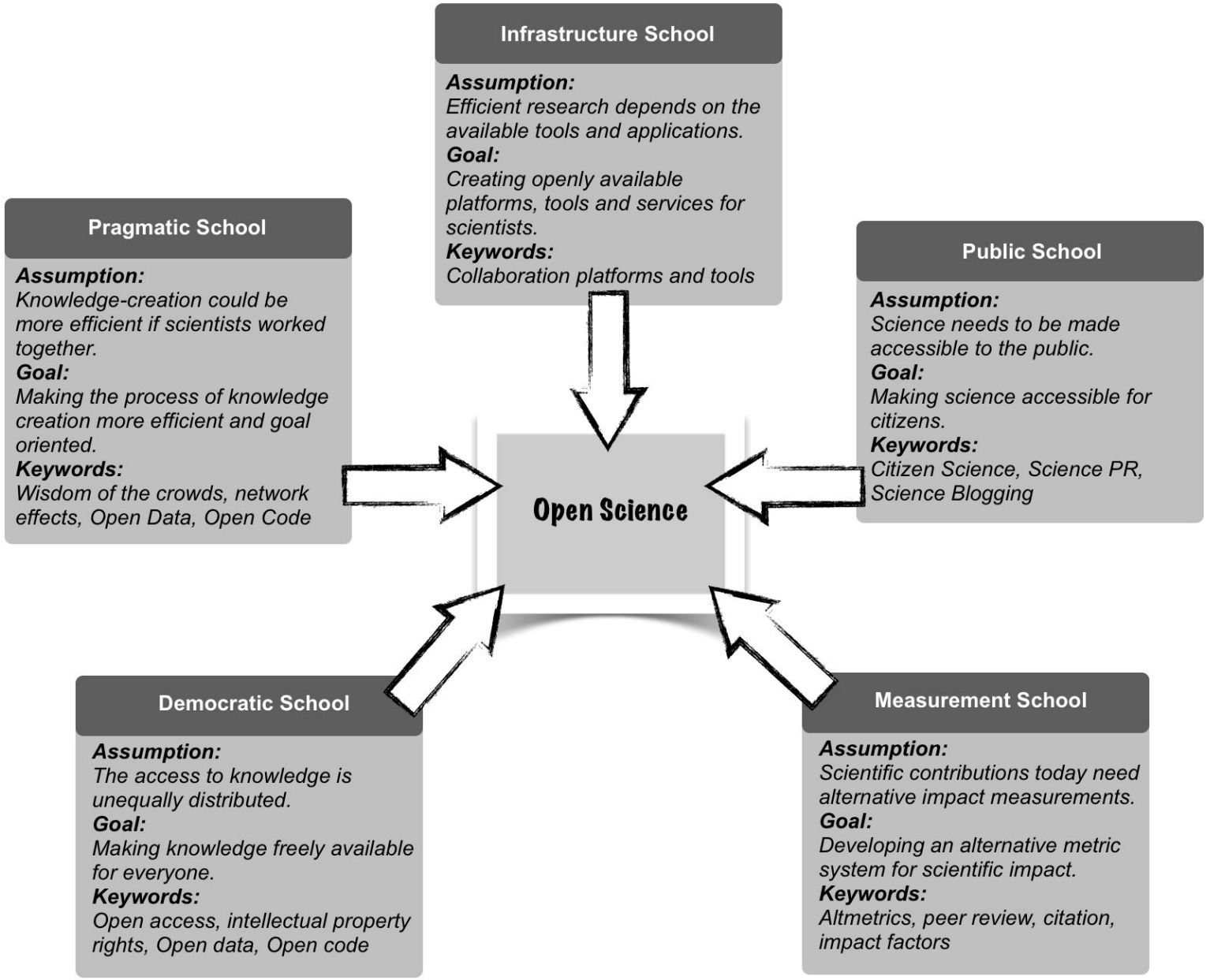
Developing Open Science teachers and trainers: pathways to success

Helen Clare, Jisc

Image: Helen Clare CC0



Open Science: One Term, Five Schools of Thought

Benedikt Fecher & Sascha Friesike, 2014

opening science

Jisc

[UNESCO Recommendation on Open Science]

Open science community of practice of training co-ordinators

100+ members from 20+ countries

The CoP can be regarded as a discipline transcending network of trainers and training organisers. We have built a community. We are exchanging information and best practices."
CoP member, 2020

- Regular monthly meetings
- Collaborative activities

www.openaire.eu/cop-training

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Check for updates

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Towards FAIRification of learning resources and catalogues—lessons learnt from research communities

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[Towards FAIRification of learning resources and catalogues – lessons learnt from research communities]

Published last week!

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OpenAIRE Open Science Train the Trainer bootcamp

- Over 120 participants from across the globe
- Open Data, Data Management Plans (DMPs), OA publishing, legal issues incl IPR, RRI, Horizon Europe requirements, OpenAIRE services, EOSC…
- Improving the skills to effectively communicate and teach these concepts to researchers, research support, students or any other stakeholders;
- Continually updated to cover emerging topics, eg Open Peer Review, Citizen Science, AI

Apply now for 2-6th December

Deadline 30th October

"The most positive was the interaction and networking with the trainers and the other participants. All the resource shared are really useful on the different issues, complementing the ones that I already knew and used."

Framework for
Open and
Reproducible
Research Training

FORRT

www.forrt.org

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What is FORRT?

Framework for Open and Responsible Research Training
http://forrt.org

- **Volunteer-based** organization established in 2018 by PhD students at SIPS.
- **+800** early career researchers, 400-500 people/year.
- Representing fields such as ***Psychology***, *Ecology, Communication, Linguistics, Economics, Medicine, Mathematics, Neuroscience, Computer Science, Philosophy, Political science,* etc.
- Website **130 visits/day** across 🌍, **2750+** followers , 2000+ Newsletter
- Partnerships with major Open Science orgs.
- **Impact**: NASA, UNESCO, UK Parliament, UKRIO, QAA, & Dorothy Bishop Open Science 🏆

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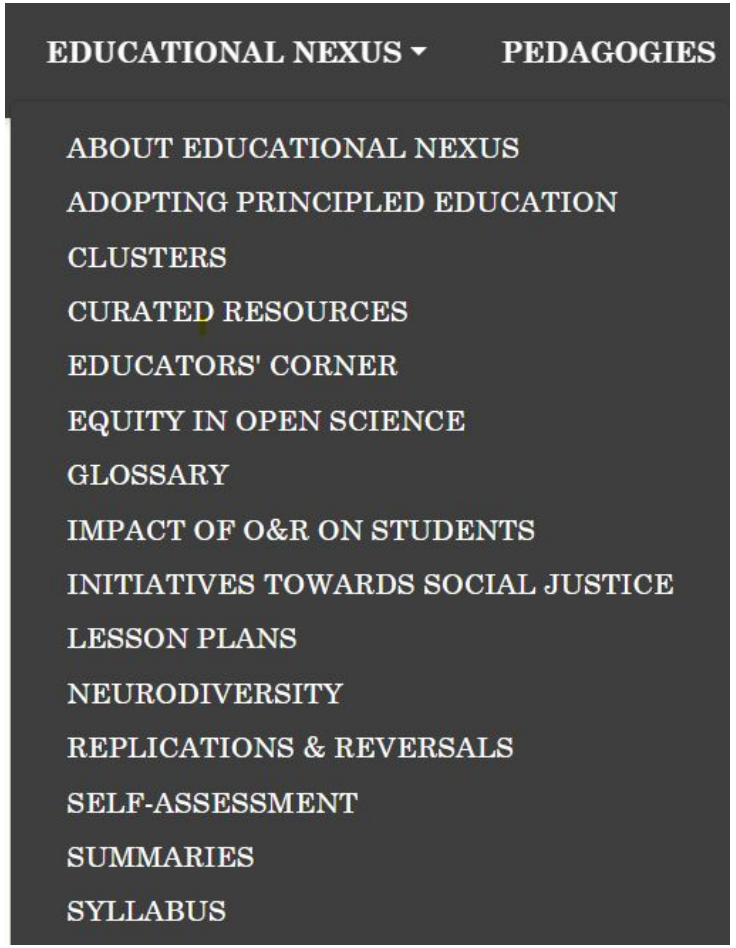
What are FORRT goals?

1. *incremental adoption of **open science** practices **into higher education.***
2. **educate on** epistemic uncertainty, plurality & humility, research integrity & credibility.
3. **reframe** open science as inclusive scholarship.
4. *advocate for greater **recognition** of educational resources.*



NERQ
NETWORK FOR EDUCATION AND RESEARCH QUALITY

LinkedIn group including
Open Science Special Interest Group

Open Science Learning Gate

Network for Education and Research Quality (NERQ) aims to improve the quality of higher education and research worldwide in three main ways:

- To **exchange good practices** in education and research. This exchange includes sharing experiences, formats, and information on "what is happening."
- To **stimulate the quality of training and trainers** in the field, enhancing the educational experience for students and encouraging professional development for trainers.
- To **encourage collaborations** on research-based innovations in education. By promoting joint research efforts, the Network hopes to foster new and innovative approaches to teaching and learning.

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Open Research Programme 2021-2027

https://www.ukrn.org/open-research-programme/

- Open Research Primers
- Open Research across disciplines
- Checklist for an Open Research Action Plan

Questions

What good practices, tools and resources can you recommend for OS Trainers?

What opportunities are there for collaboration and networking?

Do you practice open science when you teach it? Can you share some tips?

Get in touch!

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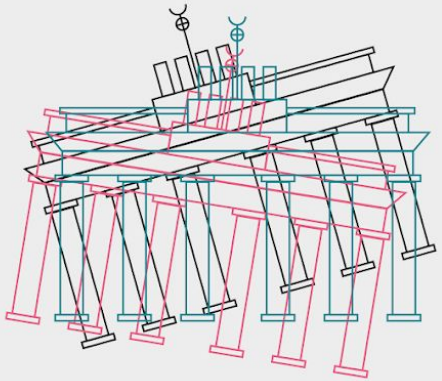
Thank you



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