TITLE

OPEN SCIENCE A TO Z

TEACHER

ELENA GIGLIA (University of Torino)

SCHEDULE (7 hours in total):

17 April 9.30-13.00 (3,5 h)

18 April 9.30-13.00 (3, 5 h)

LOCATION: the course will be held in presence. Location TBA.

LANGUAGE: ENGLISH

DESCRIPTION OF THE COURSE

Open Science A to Z is a comprehensive course aimed at giving participants a 360° view on Open Science, Open Access, and European policies on the topic, with a focus on the new initiative COARA on research assessement.

LEARNING OBJECTIVES

Knowledge

After completion of the course, the candidate:

- Has in depth understanding of the current scholarly communication system and its biases
- Has in depth understanding of the core principles of Open Science and Open Access
- Has the basics of data management and FAIR data

- Has specific knowledge about the tools to properly do Open Science and Open Access in practice

Skills

After completion of the course, the candidate:

- Can discuss critically the current scholarly communication system
- Can use Open Science and Open Access tools in order to open up the research workflow

TOTAL DURATION

7 HOURS

MODUL (IF ANY) AND DURATION

MODULE	TOPIC	THEORY (H)	
1a	Why do we need Open Science	1,5 h	
1b	The Open alternative - theory	2 h	
2a	The Open alternative - practice	1 h	30
2b	Open Access	1 h	
2c	European policies and EOSC	1 h	

Topic	Time	Details
Scholarly communication OR: why do we need Open Science	1,5 h	- How it works (if it works) - Peer review: a crisis? - Costs and the anelastic market - Reproducibility crisis - Research evaluation
Open science: an alternative (theory + practice)	3,5 h	- Open Science principles - COARA and the reform of research evaluation - Scholarly communication functions reloaded: preprint, open peer review, altmetrics… - overview on useful tools to open every step of the research workflow
Open Access	1 h	- Self-archiving and publishing - How to make your paper open: copyright policies, repositories, journals...
European policies	1 h	- Open Science European policies - EOSC - Open Science and Innovation

Certificate of attendance:

To receive a certificate, it is necessary to attend all the modules of the course.

The certificate will indicate the total hours of attendance.