TITLE

OPEN SCIENCE A TO Z

TEACHER

ELENA GIGLIA (UNITO)

SCHEDULE:

11 MAY 2021, H 14:00-17:00
13 MAY 2021, H 14:00-17:00
14 MAY 2021, H 10:00-16:00

LOCATION: ON-LINE, WEBEX PLATFORM

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.
During the practice time participants will get first hand experience of some of the tools.
Interaction will be provided through Mentimeter.

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

11 HOURS

MODULES (IF ANY) AND DURATION

MODULE	TOPIC	THEORY (H)	PRACTICE (H)
1	Why do we need Open Science	2 h	1 h
2	The Open alternative	2 h	1 h
3	Open Access in practice	2 h	1 h
4	European policies and EOSC	1 h	1 h

In detail

Topic	Time	Details
Scholarly communication	2 h	- How it works (if it works) - Peer review: a crisis? - Costs and the anelastic market - Reproducibility crisis - Research evaluation
Open science: an alternative	2 h	- Open Science principles - Scholarly communication functions reloaded: preprint, open peer review, altmetrics… - overview on useful tools to open every step of the research workflow
Open Access	2 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