TITLE

FAIR DATA BASICS

TEACHER
ELENA GIGLIA (University of Torino)

SCHEDULE:

5th February 2024 h. 10:00am - 1:00pm (CET Time)
6th February 2024 h. 10:00am - 12:30pm (CET Time)

LOCATION: The course will be held in presence. Location to TBA.
LANGUAGE: ENGLISH

DESCRIPTION OF THE COURSE

This course focuses on data management basics, as "good research needs good data".
The modules will follow the 3-step concept, according to the principle "as open as possible, as closed as necessary": a) manage your data b) make them FAIR c). whenever possible, make them Open.
A practical exercise on drafting the Data Management Plan of real datasets is included.
Further, the course emphasizes development of skills related to data stewardship, which according to the releasing the Open Science Cloud report (2016) will be a huge professional opportunity for PhDs. Data stewards support researchers in making data FAIR; their skills will be crucial in the making of the EOSC, as FAIR data are EOSC's building blocks.

LEARNING OBJECTIVES

Knowledge

After completion of the course, the candidate:

- Has in depth understanding of data management
- Has in depth understanding of the core principles of FAIR and Open data
- Has insight into the legal aspects of data management
- Has specific knowledge about the tools to properly manage data and make them FAIR and Open if possible

Skills

After completion of the course, the candidate:

- Can apply basic data stewardship skills
- Can make use of the principal FAIR data tools
- Has specific knowledge about the tools to properly do Open Science and Open Access in practice

TOTAL DURATION IN HOURS
5,5 hours

MODULES (IF ANY) AND DURATION

MODULE	TOPIC	THEORY (HOURS)	PRACTICE (HOURS)
1a	Why should we care about data	0,50 h	
	Data Management	1 h	
1b	FAIR principles	0,5 h	
2a	FAIR in practice + Open Data	1,5 h	
2b	Data Management Plans	1 h	0,5 h

In detail:

Topic	Time	Details
Why should we care about data	0,5 h	- legal, ethical, practical reasons
Data management	1 h	- how to properly manage your data - tools, tips and tricks

FAIR data	2, 5 h	- FAIR data principles - How to make your data Findable, Accessible, Interoperable, Reusable in practice
Data Management Plans	1,5 h	- DMP general questions - different online tools to draft a DMP: DMPonline, Data Stewardship Wizard, ARGOS

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.

For any additional information not included in the present document or in the Doctoral School website, please contact dottorati@unito.it