

## TITLE

FAIR DATA BASICS

## TEACHER

ELENA GIGLIA (UNITO)

## SCHEDULE:

**17 MAY 2021, H 14:00-17:00**

**19 MAY 2021, H 14:00-17:00**

**21 MAY 2021, H 10:00-13:00**

**LOCATION:** ON-LINE, WEBEX PLATFORM

**LANGUAGE:** ENGLISH

## DESCRIPTION OF THE COURSE

This course focuses on data management, as “good research needs good data”.

The modules will follow the 3-step concept a. manage your data b. make them FAIR c. if 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 Realising 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



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101006544

## TOTAL DURATION IN HOURS AND DAYS REQUIRED IN PLANNING

9 hours

## MODULES (IF ANY) AND DURATION

MODULE	TOPIC	THEORY (HOURS)	PRACTICE (HOURS)
1	Why should we care about data	30'	30'
	Data Management	1,30 h	1h
2	FAIR and Open data	1,30 h	1h
3	Data Management Plans	1h	2h

In detail:

Topic	Time	Details
Why should we care about data	1 h	<ul style="list-style-type: none"><li>• legal, ethical, practical reasons</li></ul>
Data management	2, 30 h	<ul style="list-style-type: none"><li>• how to properly manage your data</li><li>• tools, tips and tricks</li></ul>
FAIR data	2, 30 h	<ul style="list-style-type: none"><li>• FAIR data principles</li><li>• How to make your data Findable, Accessible, Interoperable, Reusable in practice</li></ul>
Data Management Plans	3 h	<ul style="list-style-type: none"><li>• DMP general questions</li><li>• different templates</li></ul>



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