



UNIVERSITÀ
DI TRENTO

The seminar series addresses
the fundamental themes of
Open Science movement.

These topics are relevant
across disciplines and provide
a foundation for further in-depth
study in various research fields



Open
Science
Committee

2026 - 2027

THE GENERAL PRINCIPLES OF
OPEN SCIENCE

Interdisciplinary Training Activity Proposal for UniTrento PhD courses

Held in English

Module 1 and 2 in presence

Module 3, 4, 5, 6, 7, 8 online - Zoom platform

Tuesday the 15th December 2026, 14.30 - 17.45

in presence

School of Innovation - via Tommaso Gar, 16/A (CLABM)

Module 1 (14.30 - 15.30)

**A MORE OPEN SCIENCE:
VISIBILITY, IMPACT AND
SUSTAINABILITY OF RESEARCH**

Carlo Miniussi - *Department of Psychology and Cognitive Science*

An introduction to the principles and practices of Open Science, presented as tools for promoting the reliability, transparency and credibility of research - How articles, data and code can become shareable, reusable and citable research outputs, contributing to the visibility, impact and sustainability of scientific work - An exploration of the opportunities offered by a more open and collaborative research culture for the career development of researchers.

Module 2 (15.45 - 17.45)

**CULTURAL FOUNDATIONS
OF OPEN SCIENCE**

Giorgia Bincoletto - *Faculty of Law*

The theoretical and ethical foundations of the Open Science movement within the context of universities' growing commitment to the Third Mission - A brief history of the Open Science movement - Intellectual property and Open Science - The dimensions of Open Science: from declarations to legislation - Challenges in the world of university research.

Tuesday the 19th January 2027, 14.30 - 16.30

online - Zoom platform

Module 3

OPEN ACCESS

Francesca Valentini - *Research Output Office*

Fabio Serafini - *Scientific Publications Office*

Open Access to publications - The different types of Open Access - Versions of material available via Open Access - Copyright law, Creative Commons licenses and UniTrento's publishing licence - Obligations under European research projects.

Thursday the 21st January 2027, 14.30 - 16.30

online - Zoom platform

Module 4

**OPEN ACCESS PUBLISHING:
THE DIAMOND MODEL AND
THE GOLD MODEL**

Fabio Serafini - *Scientific Publications Office*

Francesca Valentini - *Research Output Office*

Diamond Open Access - The Trento University Press (UniTrento UP) - Procedures and workflow on the OJS platform - Indexing in DOAJ: significance and scope - The OMP platform - Other resources - Gold Open Access - Transformative agreements.

Tuesday the 26th January 2027, 14.30 - 16.30

online - Zoom platform

Module 5

**OPEN ACCESS DISSEMINATION:
THE GREEN MODEL AND IRIS**

Stefano Mattedi, Katia Piccoli, Francesca Valentini

Research Output Office

The functions of the IRIS institutional repository - Specific issues relating to the standard submission of a doctoral thesis (e.g. step 4; compilation of previously published texts; choice of images; CC licences for materials already licensed) - Specific issues relating to the standard submission of a published work.

Prior to the session, participants are expected to undertake self-study, via video lessons, on the following topics:
- The procedure for uploading doctoral theses to the IRIS institutional repository;
- The procedure for submitting publications, including open-access ones, to IRIS.

Thursday the 28th January 2027, 14.30 - 16.30

online - Zoom platform

Module 6

THE DATA MANAGEMENT PLAN

Vincenzo Maltese - *Dissemination and Evaluation of Research*

Outputs Division

Scientific research and its results - The stages of research data management - Regulatory aspects to consider (privacy, intellectual property, open data) - University guidelines - Horizon Europe requirements regarding data and other research outputs. The role of the data steward in supporting researchers - The FAIR principles, or how to make data and other research outputs findable, accessible, interoperable and reusable - The Data Management Plan (DMP) and the University's template - Support units within the University.

The session takes a practical approach to the responsible management of data and other research outputs, with a particular focus on the FAIR principles and the Data Management Plan.

Tuesday the 2nd February 2027, 14.30 - 16.30

online - Zoom platform

Module 7

DATA PROVENANCE

Sandro Luigi Fiore - *Department of Information Engineering and Computer Science*

Data provenance and its key role within the context of Open Science in promoting transparency, reproducibility and trust in the results of scientific research - The methodological aspects relating to traceability in scientific processes (for example, in the training of AI models), highlighting how provenance is a fundamental element in the application of the FAIR principles to research data and results.

Thursday the 4th February 2027, 14.30 - 16.30

online - Zoom platform

Module 8

DATA PROVENANCE IN ACTION

Sandro Luigi Fiore - *Department of Information Engineering and Computer Science*

The acquisition of practical skills in managing data provenance in scientific research contexts - Experimenting, through the yProv ecosystem, with the collection, management, analysis and visualisation of provenance across various scientific domains, with applications to experiments of various kinds (e.g. training AI models) and an understanding of its role in process traceability, the reproducibility of experiments and the application of FAIR principles. As part of the module's project work, students will be able to develop a case study on traceability directly linked to their own research, applying the methodologies and tools for data provenance management learnt during the course.