**Research Data Management and ETDs –** **an introductory workshop**

**Agenda**

09:00 – 09:10 – Introduction to the workshop

09:10-09:40 Why and how to manage research data - Inge Van Nieuwerburgh, Ghent University

* Why manage data? – to cope with data explosion, to prevent data loss, to make research reproducible, opening up opportunities for re-use, sharing and make for better science!
* RDM in Horizon 2020 (+ recent changes) - EC Open Research Data Pilot, Jan 2015 Participating projects must: Keep a data management plan, to be updated at regular intervals, deposit in an open access repository; H2020 - Open Data by Default from 2017
* How to manage and share research data? FAIR
  + **F**indable: *assign persistent IDs, provide rich metadata, register in a searchable resource...*
  + **A**ccessible: *Retrievable by their ID using a standard protocol, metadata remain accessible even if data aren’t...*
  + **I**nteroperable: *Use formal, broadly applicable languages, use standard vocabularies, qualified references...*
  + **R**eusable: *Rich, accurate metadata, clear licences, provenance, use of community standards... (*[www.force11.org/group/fairgroup/fairprinciples](http://www.force11.org/group/fairgroup/fairprinciples))

09:40 – 10:10 – How to write a data management plan, EUDAT and OpenAIRE services – Iryna Kuchma, EIFL

* A data management plan is a brief plan to define:
  + How the data will be collected / created / organised?
  + How it will be documented?
  + Ethical & legal issues
  + Who may access it? How?
  + Where it will be stored? Who will preserve? And how?
  + Responsibilities and resources
* Data repositories
* Data publishing
* EUDAT and OpenAIRE services
  + EUDAT licensing tool <http://ufal.github.io/public-license-selector>
  + How to select and appraise research data: [www.dcc.ac.uk/resources/how-guides/appraise-select-research-data](http://www.dcc.ac.uk/resources/how-guides/appraise-select-research-data)
  + EUDAT B2 service suite
  + Zenodo
  + OpenAIRE: Link data to publications
  + OpenAIRE: data anomyzaion tool

10:10 – 10:30 Research Data Management and ETDs at [Pontificate Catholic University](http://www.maxwell.vrac.puc-rio.br/) (Brasil)

10:30 – 11:00 Coffee break

11:00 – 12:00 Group work: Creating data management plans + identifying most common issues and strategies to resolving them