

Masterclass : Open Science & Open Publishing (June 2024)

Program / Programme

A two day training aimed at PhD students on the challenges and benefits of open-access research and publishing. This training will be in English, and will be open to PhD students of UGA in all subjects (up to available space about 40 places). After last year's Masterclass for the physical sciences (an initiative of the Société Française de Physique), this year's Masterclass will address all academic domains, including science, engineering, social sciences and humanities. Each half day of the training will consist of about 2 hours of presentations by leading experts, followed by one hour of practical exercises in small groups.

DAY 1

9:00 Introduction to Open Science and Open Access Publishing: Benefits & Obstacles.

- Value of sharing research culturally and economically, publishing and patents. *Alexandre Delmotte (Centre de Recherches Juridiques, UGA)*
- Learned societies, peer review, subscription model, prestige, author's copyright, licences and embargoes. *Bart van Tiggelen (LPMMC, UGA & ex-editor-in-chief of Europhys. Lett.)*

11:00 Practical Exercise :

- Publishing: What & When? What about peer review ? *Organized by Robert Whitney (LPMMC, UGA) & Signe Seidelin (Inst. Néel, UGA)*

14:00 New types of Open acces Journal.

- Centre Mersenne-Grenoble. *Evelyne Miot-Desecures (Inst Fourier, UGA)*

14:30 Open Data and Software.

- Open data and software : Why and How ? *Louis Maritaud (GRICAD) & Laurent Perrillat (BU-UGA)*
- Feedback from a scientist developing open software

16:30 Practical exercise on open data/software.

- *Organized by Louis Maritaud (GRICAD) & Laurent Perrillat (BU-UGA).*

17:30 End of first day.

DAY 2

9:00 Dissemination of Results: What to AVOID!

- Choosing a journal tailored to your research & traps to avoid (predatory journals, expensive journals). *Bart van Tiggelen (LPMMC, UGA)*

9:30 Academic Careers in a World of Open Science & Research

- Recruitment & evaluation in Social Sciences and Humanities: Nabil Hathout (President of section 34 (Sciences du Langage) of Comité National de la Recherche Scientifique)
- Recruitment & Evaluation in the CNRS: Laurence El Khouri (deputy head of open research data department (DDOR, CNRS).

11:40-12:25 Round table discussion on all aspects of publishing & careers

- Discussion with all speakers of the morning session + organizers

14:00 Patents and other IP in a world of Open Science:

- “When must you think of patents? Clarifying what is open and what is techno/industrially valorized”: Alexandre Delmotte (Centre de Recherches Juridiques, UGA)
- Someone from a Grenoble start-up. To be confirmed

15:00 Round table discussion on patents

- with Alexandre Delmotte & speaker from start-up

15:30 Practical Exercise: Small Group Discussion of the Subjects Addressed over the Two Days

Discussions in small groups on specific questions chosen by participants. A few example questions could be :

- Open science versus techno/industrial valorisation (patents)?
- Referee reports (referee or author anonymity): good or bad?
- Who should pay for scientific publications?
- Evaluation of researchers?
- Legal versus illegal downloads (SciHub/ResearchGate/...)?
- Artificial intelligence and ChatGPT
- Advertise your work – ResearchGate, ArXiv, social networks?

Feedback and debriefing on these questions all together.

17:30 End of Masterclass

Requirements / Pré-requis :

For the practical exercises, please bring your laptop: containing (1) some code or data from your PhD or master projects (if relevant in your domain). (2) a recent research report that you have written (e.g. “CSI” report or masters project report); it would also be helpful to bring a print out of the first 4-6 pages of this report.

Educational team / Equipe pédagogique :

Lucie Albaret (Bibliothèque Universitaire UGA), Alexandre Delmotte (Centre de Recherches Juridiques), Signe Seidelin (Institut Neel), Bart van Tiggelen (LPMMC), Robert Whitney (LPMMC).

Language / Langue :

English / Anglais