OS Workshop 2023
Bordeaux Neurocampus

16th-20th October 2023
Bordeaux, France

Workshop booklet
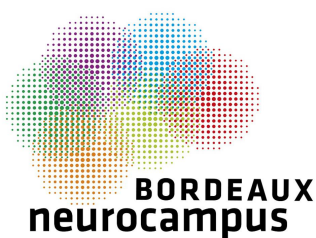
Table of Contents

About the Workshop

Welcome to the first edition of the **Bordeaux Neurocampus Open Science Workshop**, a 5-day workshop dedicated to promoting Open Science principles.
This edition will take place from October 16th to October 20th, 2023.

Workshop philosophy

Free registration: We believe in making Open Science accessible to all. That is why registration, practical workshops, and coffee breaks are completely free of charge.
The lectures are open to everyone. Workshops are only open to enrolled participants.
Comprehensive program: Our workshop is designed to cater to both theoretical and practical needs. The program includes engaging theoretical sessions where you will gain a deep understanding of the principles and components of Open Science. Additionally, hands-on practical workshops will equip you with the skills and tools needed to implement Open Science practices seamlessly in your research.
Targeted audience: This workshop is specifically tailored for PhD students, Post Docs, and Early Career Researchers in Life Sciences. We understand the challenges one can face in the early stages of a career, and our workshop aims to provide you with the knowledge and resources to excel in the evolving research landscape.
Collaborative environment: The Open Science Workshop at Bordeaux Neurocampus is not just about learning; it's also about building connections and fostering collaboration. Engage in group discussions, share your experiences, and connect with like-minded researchers from diverse disciplines. This workshop provides a unique opportunity to expand your network and form valuable connections for future collaborations.

Organization

Organizers

Deepshika Arasu	Poietis
Armand Blondiaux	Bordeaux Neurocampus Graduate Program
Yoni Couderc	Neurocentre Magendie, INSERM
Juan Garcia-Ruiz	Neurocentre Magendie, INSERM
Eduarda Centeno	IMN, CNRS
Carmen Guerrero Marquez	IMN, CNRS
Ankur Gupta	IMN, CNRS
Fjola Hyseni	IMN, Inria, LaBRI
Arthur Leblois	IMN, CNRS
Chloé Mercier	Inria, IMN, LaBRI
Nicolas P. Rougier	Inria, IMN, LaBRI
Nathan Trouvain	Inria, IMN, LaBRI

Communication

Arnaud Rodriguez Bordeaux Neurocampus
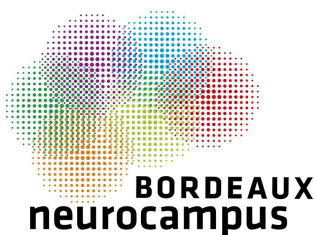
Important workshop prerequisites

Not to forget (in any case)

- **Your laptop**, as many practical sessions will require it. Make sure you have all administrator rights enabled, as you may need to install software during or prior to some sessions.

  Internet access will be provided on site.

Workshop specific prerequisites

Please read the following guidelines carefully prior to attending the workshops. There are two pages!

WS1 – **Writing Your Pre-registration**
Tuesday, 17th Oct.
1:30pm–3:30pm
3:45pm–5:45pm

A Note from Robert McIntosh:
In this workshop, we will focus on the "nuts-and-bolts" practical issues of putting together a solid Stage 1 methodological plan for a Registered Report (RR). There is lots of helpful guidance provided by the Centre for Open Science (`www.cos.io/initiatives/registeredreports`) and we will make use of some of this guidance to structure our discussions.

The main thing you should do in advance of the workshop is to **think of a study that you would like to run in a pre-registered way**, ideally one that you think is well-suited for this kind of approach. This can be a real study that you are planning to run, or it can be invented just for this exercise, but it should not be a study that you have already done. Be prepared to discuss your study idea with the group.

To turn a study idea into a Stage 1 RR plan, you will ultimately need to specify every last detail of how the study will run: what hypotheses you will test, what your data processing pipelines will be, what statistical analyses you will perform, and how they map on to your hypotheses. We won't have time to do all of this within the workshop, but we will see how far we can get, and get a sense of what conceptual and practical issues might arise.

A useful scaffold is provided by the TEN QUESTION TEMPLATE here: `https://osf.io/93znh`. You don't need to have prepared an answer for all ten of these questions, but reading through them in advance may help you think more clearly about your design.

Another useful strategy can be to think about the top TEN REASONS FOR DESK REJECTION of Stage 1 RR submissions: `https://osf.io/tpjhe`. This is a list compiled by Chris Chambers, based on his wealth of experience as an editor of RR's. Not all of these considerations will be relevant to our workshop, but it may be worth taking a look, because it helps you to see the process from an editorial and reviewer perspective, rather than just as an author.

During the workshop, you will be thinking about the Stage 1 RR process both from the perspective of authors, and from the perspective of reviewers. I hope that this will help to clarify some challenges and rigours of the format, and give you some strategies for addressing them, as well as illustrating why RR can be beneficial to science and to scientists.

I look forward to meeting you at the workshop.

WS3 – **Version Control in the Lab**
Wednesday, 18th Oct.
1:30pm–3:30pm
3:45pm–5:45pm

A Note from Nicolas P. Rougier:
Preinstall Git on your laptop, here is a tutorial:
`https://swcarpentry.github.io/git-novice/#installing-git`
We can do it once you are here if you are having issues with the installation.

Workshop Program

General Information

Plenary lectures and **Panel discussions** (codes: **T** or **P**) are **open to all and free, without registration.**

Workshop sessions (codes: **WS**) are only **open to registered attendees**. Max number of attendees per session if **fixed at ≈15 people**. To allow all participants to attend to all sessions, **all workshops will happen twice in the afternoon**, with a short break between sessions where attendees can switch.

Monday | October 16th

Registration & Welcome Coffee

1:30pm–2:00pm

Centre Broca

Afternoon | Plenary lectures

Opening Talk
Yves Ducq
University of Bordeaux

T1
2:00pm–2:15pm

Centre Broca - main amphitheater

Presentation of the Workshop

T1
2:15pm–2:45pm

Centre Broca - main amphitheater

Coffee break   **2:45pm–3:00pm**

Open Science: the Big Picture
Sarah Cohen-Boulakia
Paris Saclay University

T2
3:00pm–4:15pm

Centre Broca - main amphitheater

Coffee break   **4:15pm–4:30pm**

Reproducibility in France
Sarah Cohen-Boulakia[1], Nicolas Rougier[2,3]
[1]Paris Saclay University   [2]Inria   [3]IMN, University of Bordeaux

T3
4:30pm–5:45pm

Centre Broca - main amphitheater

Presentation of the Attendees

5:45pm–6pm

Centre Broca - main amphitheater

Workshop Program

Tuesday | October 17th

Morning | Plenary lectures

Pre-registration & Registered Reports
Robert McIntosh
University of Edinburgh

T3
9:00am–9:45am

Centre Broca - main amphitheater

Data Management Plans (DMPs)
Lyuba Zehl
EBRAINS AISBL

T4
9:45am–10:30am

Centre Broca - main amphitheater

Coffee break   **10:30am–10:45am**

Citizen Science
Raphaëlle Bats
University of Bordeaux

T5
10:45am–12:15pm

Centre Broca - main amphitheater

Lunch break   **12:15pm–13:30pm**

Afternoon | Workshops

Writing Your Pre-registration
Robert McIntosh
University of Edinburgh

WS1
1:30pm–3:30pm
3:45pm–5:45pm
Pyramid (IINS, Broca 2nd floor)
or Salle de Formation (CGFB)

Coffee break   **3:30pm–3:45pm**

Data Management Plans
Lyuba Zehl
EBRAINS AISBL

WS2
1:30pm–3:30pm
3:45pm–5:45pm
Pyramid (IINS, Broca 2nd floor)
or Salle de Formation (CGFB)

Evening | Social events

Dinner at P'tit Québec
Food and drinks.

8:00pm

P'tit Québec
93 Rue Eugène Jacquet

Workshop Program

Wednesday | October 18th

Morning | Plenary lectures

Introduction to Research Protocols
Emma Ganley
protocols.io

9:00am–9:45am

Centre Broca - main amphitheater

Good Practices in the Lab: Reproducible code, Documentation & Version Control
Nicolas P. Rougier & organization team
Inria   IMN, Université de Bordeaux

T7
9:45am–10:30am

Centre Broca - main amphitheater

Coffee break   **10:30am–10:45am**

Good Practices in the Lab: Research Documentation and Electronic Notebooks
Arnaud Legrand
LIG Polaris   CNRS

T8
10:45am–12:15pm

Centre Broca - main amphitheater

Lunch break   **12:15pm–13:30pm**

Afternoon | Workshops

Version Control in the Lab
Nicolas P. Rougier & organization team
Inria   IMN, Université de Bordeaux

WS3
1:30pm–3:30pm
3:45pm–5:45pm
Salle Nord (CGFB)
or Salle Sud (CGFB)

Coffee break   **3:30pm–3:45pm**

Writing and Sharing your Protocols with Protocols.io
Emma Ganley
protocols.io

WS4
1:30pm–3:30pm
3:45pm–5:45pm
Salle Nord (CGFB)
or Salle Sud (CGFB)

Workshop Program

Thursday | October 19th

Morning | Plenary lectures

Publishing Open-Access and Open peer review
Florent Lebon
INSERM 1093   University of Bourgogne

T9
9:00am–10:30am

Centre Broca - main amphitheater

Coffee break   **10:30am–10:45am**

Open Data
Andrew Davison
Université Paris-Saclay   CNRS

T10
10:45am–11:30am

Centre Broca - main amphitheater

Science Outreach & Popularization
Stéphanie Forkel
Donders Institute   Radboud University

T11
11:30am–12:15pm

Centre Broca - main amphitheater

Lunch break   **12:15pm–13:30pm**

Afternoon | Workshops

Open Data
Andrew Davison
Université Paris-Saclay   CNRS

WS5
1:30pm–3:30pm
3:45pm–5:45pm
Salle Nord (CGFB)
or Salle Sud (CGFB)

Coffee break   **3:30pm–3:45pm**

Science Outreach & Popularization
Nicolas P. Rougier & organization team
Inria   IMN, Université de Bordeaux

WS6
1:30pm–3:30pm
3:45pm–5:45pm
Salle Nord (CGFB)
or Salle Sud (CGFB)

Evening | Social events

IMN/IINS Happy Hour
With some food and drinks.

6:00pm–10:00pm

Centre Broca - atrium or campus park

Workshop Program

Friday | October 20th

Morning | Panel discussions

Panel 1: Other Ways to Get Involved with Open Science
Ikram Chraibi Kaadoud[1], Stephanie Forkel[2], Arthur Leblois[3], Stephen Whitmarsh[4], Khadija Inam[6,8], Simon Lecomte[7,8] Fjola Hyseni[3,5,9]
[1]IMT Atlantique, CNRS   [2]Donders Institure, Radboud University   [3]IMN, Université de Bordeaux   [4]Paris Brain Institute, ICM   [5]Inria   [6]PHARM Research   [7]IINS, Université de Bordeaux   [8]Brainstorm   [9]ReproducibiliTea Bordeaux

P1
9:00am–10:30am

Centre Broca - main amphitheater

Coffee break   **10:30am–10:45am**

Panel 2: Open Science Stakeholders and Research Assessment
Anna Beyeler[1], Eduarda Centeno[2], Florent Lebon[3], Stephen Whitmarsh[4], Mathieu Wolff[5]
[1]Neurocentre Magendie, Université de Bordeaux   [2]IMN, Université de Bordeaux   [3]INSERM, University of Bourgogne   [4]Paris Brain Institute, ICM   [5]INCIA, Université de Bordeaux

P2
10:45am–12:15pm

Centre Broca - main amphitheater

Closing Talk
Agnès Nadjar
Neurocentre Magendie   University of Bordeaux

CT
12:15pm–12:30pm

Centre Broca - main amphitheater

Social Events

Lunch at Centre Broca
With some wine and cheese.

12:30pm

Centre Broca - atrium

Speakers

Raphaëlle Bats	Urfist, University of Bordeaux
Anna Beyeler	Neurocentre Magendie, INSERM
Eduarda Centeno	IMN, CNRS
Ikram Chraibi Kaadoud	IMT Atlantique (UMR6285), CNRS
Sarah Cohen-Boulakia	Université Paris-Saclay
Andrew Davison	Institut NeuroPSI (UMR9197), Université Paris-Saclay, CNRS
Yves Ducq	University of Bordeaux
Stephanie Forkel	Donders Institute, Radboud University
Emma Ganley	protocols.io
Fjola Hyseni	Inria, IMN, LaBRI
Khadija Inam	PHARM Research
Arthur Leblois	IMN, CNRS
Florent Lebon	INSERM 1093, University of Bourgogne
Simon Lecomte	IINS, University of Bordeaux
Arnaud Legrand	LIG, CNRS, Inria, Université Grenoble Alpes
Agnès Nadjar	Neurocentre Magendie, Universitè of Bordeaux
Robert McIntosh	University of Edinburgh
Nicolas P. Rougier	Inria, IMN, LaBRI
Stephen Whitmarsh	Paris Brain Institute, ICM
Mathieu Wolff	INCIA, CNRS, University of Bordeaux
Lyuba Zehl	EBRAINS AISBL

Biosketchs

More information and complete biosketchs at
`https://bordeaux-neurocampus.github.io/OS-Workshop-2023/program`

Venue

The plenary sessions of the workshop will take place at
Centre Broca Nouvelle-Aquitaine
Bordeaux Neurocampus
Campus Carreire
Bordeaux
Some workshops will also take place at the **CGFB building**, just in front of Centre Broca.
The Bordeaux Neurocampus is a research cluster which aims to bring together all the disciplines of neuroscience. Its location is in the heart of the Carreire campus of the University of Bordeaux and a few steps from the Bordeaux University Hospital (Pellegrin site).
The Centre Broca is located on the Bordeaux Neurocampus; it has a direct access from the airport and from Bordeaux city center by the tramway in less than 20 minutes.

GPS position (Maps): `https://maps.app.goo.gl/QWTjS4GqeynfUUpMA`

How to get there?

The closest entrance to get to the Centre Broca Nouvelle-Aquitaine is **38 rue Albert Marquet, 33000 Bordeaux**.

By tram: Tram A (stop: Saint-Augustin). From the city center of Bordeaux: direction "Pin Galant", "Hailland Rostand" or "Airport". From the airport: any direction.
The Centre Broca is an 8 min walk from the tramway station. Take the white path that goes under the huge chimney and walk until the end.
All public transportation informations: `https://www.infotbm.com/en`

By bus: Bus **24, 55** (stop: Campus Carreire) or Bus **8, 73, 80, 406, 504, 505** (stop: Charles Perrens or Bordeaux Carreire).
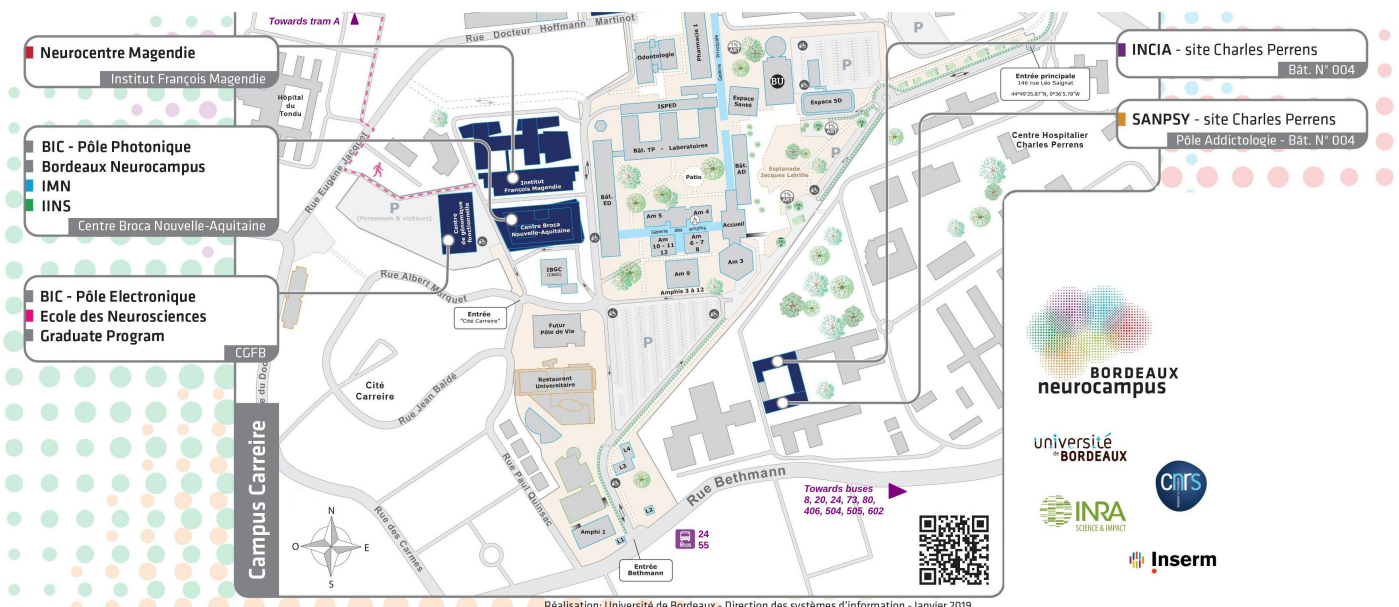All public transportation informations: `https://www.infotbm.com/en`

By car: Enter on the campus at **125 rue Bethman** then park your car at the P1.

Access details:
`https://www.bordeaux-neurocampus.fr/qui-sommes-nous/contacter-neurocampus`
Public transportation map:
`https://www.infotbm.com/fr/plans/plan-dynamique`

Practical Information

Public Transportation

Bordeaux public transportation company is called **TBM**.
You can **buy tickets at tram stops** or use **virtual tickets through the TBM app**: `https://www.infotbm.com/en/fares/tbm-m-ticketyour-tickets-your-smartphone.html`

Alternatively, you can also rent **public bicycles** (often called *V3*, pronounced *Vee-cube*) from one of the city bike stations: `https://www.infotbm.com/en/v3`.

Internet access

Eduroam is available in all campus premises.
Access through other Wifi connections will also be possible.

Lunch Breaks

Free lunch will be provided on **Tuesday, Wednesday and Thursday** at the **Campus Careire university refectory** (also called **"RU"** or **"Le Mascaret"**)
The refectory is located on the campus, 1 minute away from Centre Broca: `https://maps.app.goo.gl/7P61c3pE4STHvvBLA`
Vegetarian options are available.
On **Friday, free lunch option will be provided at Centre Broca**, with some wine and cheese!

Coffee Breaks

Coffee, tea and refreshments will be available during morning and afternoon breaks at Centre Broca. Some pastries will also be served.

For Students: ECTS Validation and/or Attendance Certificate

A certificate of participation will be provided to students wanting to validate the workshop training with their university.
Some attendees enrolled in European universities may also obtain some ECTS scores from attending the workshop.
In both cases, **students must attend all sessions to be eligible to receiving the certificate, unless reasonable request.**

Contact

Organizers contact:
Eduarda Gervini Zampieri Centeno   egervinizamp *at* u-bordeaux *dot* fr
Juan Garcia-Ruiz   juan.garcia-ruiz *at* u-bordeaux *dot* fr
Yoni Couderc   yoni.couderc *at* u-bordeaux *dot* fr

For any emergency situation, you may call:
Armand Blondiaux   armand.blondiaux *at* u-bordeaux *dot* fr

Social events

Dinner at P'tit Québec

Tuesday 17th, 8:00pm
P'tit Québec
93 Rue Eugène Jacquet, 33000 Bordeaux
`https://maps.app.goo.gl/LEvbr42foXRSKca79`

Let's meet and share while enjoying a nice dinner at Centre Broca's students and researcher "headquarters"! **P'tit Québec** will serve good drinks and food with plenty of different options that will suit your taste. **Every participant will be given a 25 euros voucher**. The bar is located a few minutes away from Centre Broca, close to the tram A stop "François Mitterand".

IMN/IINS Happy Hour

Thursday 19th, 6:00pm
Centre Broca (or campus park, depending on the weather)

We are pleased to invite you to the monthly Centre Broca "Happy Hour" party: come meet students and researchers from IMN and IINS (the labs hosted at Centre Broca) while enjoying some food, drinks and music. This is a student organised event, in the Centre Broca atrium, so (almost) everything is free! We only ask for a small donation of 1 euro per drink. And if the weather allows it, we might also enjoy the sunset in the campus park.

Friday Cocktail Lunch

Friday 20th, 12:30pm
Centre Broca – atrium

To gracefully close this intense workshop week, you will be invited to share (once again) some food and drinks at the Centre Broca, during Friday lunch break. It will be a good occasion to taste some wine and cheese, while discussing one last time all together before the end of this workshop edition.

Code of Conduct

The main goal of this workshop is to promote openness in science and good practices throughout the entire research process (during the planning of the research, its execution, and during the publication and dissemination of the results). But this openness does not only refer to the science itself but also to its human side. Therefore, respecting this code of conduct to ensure a respectful and productive experience for everyone involved is essential to participating in this workshop.

Expected behavior

1. Treat all participants with respect, kindness, and professionalism, including organizers, speakers, and attendees.

2. Embrace diversity and inclusivity, acknowledging and appreciating different perspectives, backgrounds, and experiences.

3. Actively listen to others and provide equal opportunities for everyone to express their ideas.

4. Avoid engaging in disruptive behaviour that hinders the progress of sessions or the overall workshop.

5. Foster an environment free from biases, stereotypes, and discrimination.

Unacceptable behavior

1. **Sexual harassment:** any unwelcome conduct of a sexual nature, including unwanted advances, comments, or physical contact.

2. **Other kinds of harassment:** any behaviour that creates an intimidating, hostile, or offensive environment based on race, gender, ethnicity, religion, or sexual orientation.

3. **Discrimination:** treating individuals unfairly or differently based on their protected characteristics[1].

4. **Substance use:** being under the influence of drugs or alcohol that disrupts the workshop or negatively affects the safety and well-being of participants.

For speakers: unacceptable content in presentations

1. Presentations containing offensive or discriminatory language, imagery, or material that violate the principles of respect and inclusivity are not permitted.

2. Any content that promotes or encourages illegal activities, harm to others, or violates ethical guidelines in research is strictly prohibited.

What to do in case you experience or witness unacceptable behaviour

If you experience or witness any unacceptable behaviour during the workshop, we encourage you to report the incident to one of the workshop organizers listed below, who is responsible for ensuring compliance with the code of conduct. You can reach them either in person or via email.

Name	Email
Eduarda Gervini Zampieri Centeno	egervinizamp *at* u-bordeaux *dot* fr
Juan Garcia-Ruiz	juan.garcia-ruiz *at* u-bordeaux *dot* fr
Yoni Couderc	yoni.couderc *at* u-bordeaux *dot* fr

All reports will be treated with the utmost confidentiality and addressed promptly and seriously. Workshop organizers will make efforts to investigate the reported incident and take appropriate action to rectify the situation while respecting the privacy and well-being of all parties involved.

---

[1] Protected characteristics, as defined by the Equality and Human Rights Commission (UK), encompass specific attributes protected by law, making it illegal to discriminate against individuals based on these features. Protected characteristics include age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, and sexual orientation. Although the term of protected characteristics was coined by an organism from the UK, the European Union has established directives that aim to combat discrimination and promote equality across member states as well.

Disciplinary actions against violations of the Code of conduct

Any violation of this code of conduct may result in appropriate actions, which can include but are not limited to:

· Verbal or written warnings, providing an opportunity for individuals to rectify their behaviour.

· Permanent expulsion from the workshop.

· Reporting the incident to relevant organizations or authorities if deemed necessary and appropriate.

We believe adhering to this code of conduct will ensure a safe, inclusive, and enriching environment for all workshop participants. Thank you for your commitment to upholding these principles and helping us foster a positive and productive atmosphere throughout the event.