



Institute of Language, Communication and the Brain

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Understanding publication practices, (models and time-courses) across disciplines to improve the impact of your inter-disciplinary research

March 28

« COMPETITIVE NEUROCOGNITIVE NETWORKS UNDERLYING LEARNING AND MEMORY: FROM STRESS TO BRAIN STIMULATION BY DEZSO NEMETH

ILCB LUNCH-TALK BY ANTJE MEYER »

Organisé par Xavier Alario et Elin Runnqvist, avec des interventions de Christopher Chambers (Cardiff)

Upcoming Events

Competitive neurocognitive networks underlying learning and memory: from stress to brain stimulation by Dezso Nemeth

March 1 @ 12:00 - 14:30

Understanding publication practices, (models and time-courses) across disciplines to improve the impact of your inter-disciplinary research

March 28

ILCB Lunch-talk by Antje Meyer

April 26 @ 12:00 - 14:00

ILCB Workshop

University, Editor of the journal Cortex), Didier Torny (Mines ParisTech – Paris), et Marie Farge (Ecole Normale Supérieure, Paris).

May 14

[Journées de l'ILCB / BLRI à Porquerolles](#)

May 15 - May 17

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- 11h00 – 11h10: Motivations for this seminar: Alario, Blache, Runnqvist
- 11h10 – 11h50: Didier Torny (20 min. talk, 20 min. debate)
- 11h50 – 12h30: Chris Chambers (20 min. talk, 20 min. debate)
- 12h30 – 13h30: Lunch on site
- 13h30 – 14h10: Marie Farge (20 min. talk, 20 min. debate)
- 14h10 – 14h50: Round table (20 min. talk, 20 min. debate)
- 14h50 – end: Coffee, discussions, etc.

An inter-disciplinary discussion at ILCB

In our modern science practices, it would not be surprising to hear that the three most important assets for a scientist are... publication, publication, publication!

But what exactly is a publication? The answer to this question could be very different across disciplines, and many of its significant aspects are evolving.

Across disciplines, the increment of knowledge is conceived and packaged in diverse formats (working papers, proceedings, monographies, articles, etc.) which are attributed vastly diverse value.

Across disciplines, the relationship between the author, the reviewers and the publishers can be vastly different. The business models of scientific publication has experienced major innovations in recent times, and presumably more changes lie ahead.

Across disciplines, the course of conception, dissemination, and archiving of a scientific contribution are practiced quite differently. The public discussion of findings can precede or follow publication. In some disciplines, the predictions preceding an empirical study can now be archived in advance as pre-registrations, which can be referred to later to clarify whether the authors observed exactly what they predicted or predicted exactly what they observed, thus strengthening the impact of the contributions.

The inter-disciplinary “Institut Convergences ILCB” (Institute for Language, Communication, and the Brain)

organizes a scientific discussion about current publication practices across disciplines. The issues above and related topics will be discussed by 4 specialist speakers.

This scientific discussion will have two goals. First, to create common knowledge, across practitioners of different disciplines, of what their collaborators in other domains consider a scientific contribution. Second, to reflect upon and hopefully improve the publication strategies of researchers.

Chris Chambers, Cardiff University

Title: Registered Reports: A vaccine against bias in science and publishing

Abstract: In 2013, Cortex became the first journal to offer Registered Reports, a format of preregistered empirical publication in which peer review happens prior to data collection and analysis (see <https://cos.io/rr/>). The aim of Registered Reports is to overcome publication bias and various forms of researcher bias (e.g. selective reporting of statistically significant results and hindsight bias), by performing peer review in part before studies commence. Publishability is then decided by the importance of the research question and quality of the methodology, and never based on the results of hypothesis testing. In this talk I will introduce the concept of Registered Reports and provide an update on its progress at at Cortex and beyond, including its uptake by more than 150 journals, including outlets in the Nature group, generalist journals including Royal Society Open Science, and emerging clinical trial formats. I will also discuss early evidence of impacts on the field and emerging Registered Report funding models in which journals and funders simultaneously assess proposed protocols. Together with a wide range of allied initiatives, Registered Reports are helping to reshape the life and social sciences to place theory, transparency and reproducibility at the forefront.

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Details

Date:

March 28

Organizer

ILCB

Website:

Event Category:

Lunch talk

<http://ilcb.fr>

Venue

Salle des voûtes, St Charles

3 place Victor Hugo

Marseille, 13001 France

[+ Google Map](#)



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