

Bibliometrics for Literature Reviews

Seminar held by Prof. Mauricio Uriona Maldonado

Why do so many papers get rejected? How can we organize the theoretical background of our fields of study so we can build up new knowledge and offer relevant research results? More importantly, how can we be up-to-date on what is being published in our fields of study? These and other questions are important to any researcher, regardless the field and are still on debate nowadays, calling for more sophisticated means to cope with these challenges. From the Social Sciences, the field of Bibliometrics has, in many ways, answered to this call, by developing a set of theories, tools and techniques that help in organizing large sets of literature in order to offer the researcher with the most relevant information available.

This seminar offers a brief introduction to the bibliometrics field and the free and paid software choices available to run bibliometric studies. It also introduces the Sysmap methodology to go further in the literature review domain, by showing how bibliometrics may ease the review process.



Organiser

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Syllabus: Scientific databases and its role in developing science. The use of citation counts and other measures of 'scientific excellence'. The main tools and techniques of bibliometrics. Sysmap (Scientometric and sYStematic yielding MAPPING Process) for literature reviews. Bibliometrics software and its applicability for literature review: VOSviewer, Endnote, Histcite, Scimat, CitNetExplorer and others

Prof. Mauricio Uriona Maldonado holds a BSc in Industrial Engineering and a Masters and PhD degrees in Management Engineering. During his career, Prof. Uriona has conducted several research and consulting projects in the fields of Technology & Innovation Policy/Management and in the use of computer simulation for Technology Foresight.

Organisational Hints

Date: Thursday, October 5
Room: BIBA Auditorium
Time: 2:00 pm - 4:30 pm

The targeted audience are doctoral candidates, research assistants and post docs. Master students are welcome as well. Please, register for the seminar by sending an email to courses@IGS.LogDynamics.de

Ongoing Courses of the IGS

'Academic Writing', course with classes twice a month. Training in small groups tailored to the individual needs of the participants.

'Tools for the Craft of Research', workshop series on how to start and be successful with research projects. Target groups are Erasmus Mundus students and new doctoral candidates of the IGS.

'Voice Development', course with monthly training in very small groups on improving the pronunciation.