ORGANIZATIONAL DETAILS

- No fees to be paid

- Venue of the trainees (travel and accommodation) will be covered only in case of researchers, early researchers and PhDs coming from European countries

- No costs are covered for people not involved in research activities (i.e. people from associations or policy level)

- Participants will be selected on the basis of their interests and CV

- Notification of acceptance will be sent after the selection process is completed

- Participants attending the course can send preliminary questions linked to their experience with patents and articles as well as specific policy questions of interest.

Short Course

Venue

Université Paris-Est Marne-la-Vallée,
ESIEE Paris, 2 Bd Blaise Pascal,
93162 Noisy-le-Grand, France

Start date

September 29th, 2016

End date

September 30th, 2016

Deadline for request participation

June 30th, 2016

Patent and publication Databases

Analysis of global R&D trends combining patent and publication information

September 29th – 30th, 2016

Analysis of global R&D trends combining patent and publication information

LISIS-IFRIS-Université Paris-Est Marne-la-Vallée, Esiee Paris, 2 Bd Blaise Pascal, 93162 Noisy-le-Grand

September 29th & 30th 2016

COURSE OBJECTIVES

This course aims at providing an introduction to publication (Web of Science) and patent (Patstat) databases and their combined use as a source for conducting researches to investigate the trends of R&D in large firms, research organisations, universities, territories, etc.
The course will be divided into teaching and training sessions with practical treatment of data related to research outputs.

The general existing patent (Patstat) and publication (Web of Science) database facilities will be presented as well as the large firms' patent and publication database that were built by LISIS - the CIB (Corporate Invention Board) and CSB (Corporate Science Board) and Nano. Database building methods, enrichments, coverage, matching will then be detailed.
The teaching part will also include a session to query patent DBs using SQL in order to retrieve information and answer research questions.

The practical sessions will be oriented towards the analysis of R&D dynamics as well as the identification of institutional participation in the inventive activity in the field of nanotechnology and in the sector of pharmaceuticals.

PROGRAMME AND CONTENT

Day 1 - September 29th, 2016

11h-13h: General introduction to patent and publication databases.

13h-14h: Lunch

14h-17: Description of the building steps and contents of the databases (Corporate Invention Board, Corporate Science Board, Nano database)

17h-18h: Introduction to database querying (SQL)

19h: Dinner

Day 2 - September 30th, 2016

9h-12h: Practical sessions exercises and mini research projects

12h-13h: Lunch

13h-15h: Mini research projects and group presentations

15h-16h: Recap, feedback, and discussions

AUDIENCE TARGETED

The course aims at involving up to 15

participants and is addressed to:

• Senior scientists, early career researchers and PhD students
• Policy makers at the local, regional, national and international level (e.g., European Commission)
• Research associations

REQUIREMENTS FOR PARTICIPATION

•   Participants will be asked whether their have any skills in querying DBs using Msql or Access (not compulsory)

This course is part of the
Training Activities of the RISIS Project
(http://risis.eu/training)