**Introduction to the Philosophy of Science**

17, 18 December 2019

Philosophy of science is a sub-field of philosophy concerned with the foundations, methods, and implications of science. Philosophers of science actively study questions such is: What is science? What distinguish science from non-science? Is there something like “the (unique) scientific method” which should be applied to all fields of science, from physics to social sciences?

**Aim of the course:**

-           To give participants an introduction to the philosophy of science. To teach what is considered to be science, what tools and questions are used in science and how to access the validity of scientific questions, hypotheses and data.

**By the end of the course, the participants should be able to:**

- describe what epistemology is

-           discuss what is science

- discuss the difference between science and non-science

- question the epistemological status of different propositions or theories

**Target group**:  PhD candidates

**Prerequisites:** This workshop has no prerequisites other than working knowledge of English.

**Duration of the course**: 4 hours

**Location:** GIGA B34 +5

**Workload:**8h for attending the course and reading the recommended literature

**Educator:**

Prof. Laurence Bouquiaux (mathematician and philosopher at the University of Liège)

**The course schedule:**

**17December**

13:00- 15:00 – Lectures and discussions

**18th December**

9:00-11:00 – Lectures and discussions

**Additional literature to read:**

A collection of texts will be made available on-line