

History of Logic

17/11/2014 – 9/02/2015 10h – 12h30
Université Paris Diderot, bâtiment Condorcet*

Séminaire et cours par Pr Paul THOM
(The University of Sydney)

FOUR REFORMER-LOGICIANS

This seminar is inspired by Graham Priest's article 'Can logic be revised?' in Penelope Rush (ed.), *The Metaphysics of Logic* (Cambridge University Press 2014). The seminar will study major reforms to the discipline of logic proposed by Avicenna, William Ockham, the Port-Royal logicians, and some of the German thinkers of the eighteenth and nineteenth centuries. It will focus on the goals of these reforms, and the reasoning which led to their pursuit. These logics will be treated as theoretical constructions, and accordingly we will consider not only historical questions about how and why they arose, but also systematic questions about how successful they were in advancing the understanding of their subject-matter.

Reading for the seminar will include Priest's article, and selected historical texts.

Session 1 Monday November 17, Room Rothko, 412B
Avicenna's break with Aristotle's logic. The theory of the categories. Propositional forms. Definitions of the syllogism. Modal syllogistic. Hypothetical syllogistic. Averroes' reaction against Avicenna's reforms.

Session 2 Monday December 8, Room Rothko, 412B
Ockham's critique of his realist predecessors, including Kilwardby, on the categories, propositional forms, the syllogism. Nominalism in logic. Ockham's programme of 'exposition' as a method of extending the reach of Aristotelian logic. Ockham and Buridan. The theological context.

Session 3 Monday January 12, Room Rothko, 412B
The Logique de Port-Royal and its critique of scholasticism on the categories, propositional forms and the syllogism. Psychologism in logic. Non-formal logic. Methodology.

Session 4 Monday February 9, Room Rothko, 412B
Eighteenth- and nineteenth-century German thinkers' critiques of the traditional logic on the categories, propositional forms and the syllogism. Leibniz's programme and Hegel's response. Bolzano's objectivism. Logical form and logical consequence.

Organisé par Ahmed Hasnaoui (SPHERE-CHSPAM)

*4, rue Elsa Morante, 75013 Paris

SPHERE
SCIENCES, PHILOSOPHIE, HISTOIRE
UMR 7219
Chspam



université
PARIS DIDEROT
PARIS 7