

Franco-Mexican Advanced Seminar in History and Philosophy of Science

Paris, June 21st – 23rd, 2016

Programme

Institutional partners:

- México: Universidad Nacional Autónoma de México (UNAM), Facultad de Ciencias; Universidad Autónoma Metropolitana (UAM), Departamento de Filosofía.
- France: Université Paris 1 Panthéon-Sorbonne, IHPST, École Doctorale de Philosophie; Université Paris-Diderot, SPHERE; Université de Nantes, Departamento de Filosofía Departamento de Filosofía Departamento de Filosofía , CAPHI, Centre François Viète d'Histoire et Philosophie des Sciences.

Organizing committee:

Cécilia Bognon (Paris 1), Pascal Crozet (Paris 7), Jean Gayon (Paris 1), Vincent Jullien (Nantes), Marina Imocrante (Paris 1), Marco Panza (Paris 1), Gaelle Pontarotti (Paris 1), David Rabouin (Paris 7).

June 21st, 2016 (Tuesday)

Venue: Paris-Diderot University, room Luc Valentin

8h50 - 9h

Opening by the organizers (Pdt: Michel Bourdeau)

Session 1 - History and Philosophy of Mathematics

Pdt: Michel Bourdeau (Paris 1)

9h - 09h40

Carlos Alvarez (UNAM)

Three moments in the junction of algebra and geometry

9h40 - 10h20

Simon Decaens (Paris 7)

Abstraction and its roles in the development of lattice theory in the 1930s

10h20 - 10h50 : Coffee break

10h50 - 11h30

Francisco Barrios (UNAM)

Newton's vision of Modern and Ancient Analysis

11h30 - 12h10

Mathieu Gibier (Nantes)

La mesure des puissances dans le Phoronomus de Leibniz : une réminiscence du Ménon ?

12h10-12h40

Marco Panza (Paris 1)

Comments and discussion

12h40 – 14h30: Lunch

Session 2 - History and Philosophy of Biomedical Sciences

Pdt: Maria de Lourdes Ramírez-Argonza (UAM)

14h30 - 15h10

Rosaura Ruiz, Ricardo Noguera, Juan Manuel Rodríguez (UNAM)

French Materialism in a Mexican Revolutionary: Ricardo Flores Magón

15h10-15h40: Coffee break

15h40 - 16h20

Ana Barahona (UNAM)

New Trends in the Historiography of the Natural Sciences

16h20 – 17h

Gaëlle Pontarotti (Paris 1)

A new insight into the question of gene-culture coevolution

17h-17h30

Stéphane Tirard (Nantes)

Comments and discussion

18h30 Social event (cocktail at UPMC, UNAM)

June 22nd, 2016 (Wednesday)

Venue: Paris-Diderot University, room Luc Valentin

Session 3 - History and Philosophy of Mathematics

Pdt: Pascal Crozet (Paris 7)

9h - 9h40

Jean Dhombres (EHESS)

Analytical facts / Mathematical theories / Philosophical coverage

9h40 - 10h20

Max Fernández de Castro (UAM)

Hilbert's finitist reasoning

10h20 - 10h50: Coffee break

10h50 - 11h30

Marina Imocrante (Paris 1)

Applicability of mathematics: structural accounts

11h30 - 12h

Hourya Bénis-Sinaceur (Paris 1)

Comments and discussion

12h00 - 13h30: Lunch

Session 4 - History and Philosophy of Biomedical Sciences

Pdt: Ana Barahona (UNAM)

13h30 - 14h10

María de Lourdes Ramírez-Argonza (UAM)

Consciousness and evolution

14h10 - 14h50

Dairon Alfonso Rodríguez-Ramírez (UAM)

Pongid's comparative psychology

14h50 - 15h20: Coffee break

15h20 - 16h

Jorge Martínez-Contreras (UAM)

Reflexion and evolution

16h-16h40

Juan Manuel Rodríguez Caso (UNAM)

Historicising humans in the country and overseas: Alfred Russel Wallace, natural selection and human origins

16h40 - 17h10

Jean Gayon (Paris 1)

Comments and discussion

19h30 Conference dinner (Restaurant “Bouillon Racine”)

June 23rd, 2016 (Thursday)

Venue: Paris 1 Panthéon-Sorbonne, IHPST

Session 5 - History and Philosophy of Mathematics

Pdt: Carlos Alvarez (UNAM)

9h - 9h40

Vincent Jullien (Nantes)

On Seventeenth-Century Indivisibles

9h40 - 10h20

Delphine Toquet (Nantes)

Francis Bacon's role in the French Scientific Revolution

10h20 - 10h50: Coffee break

10h50 - 11h30

Carmen Martínez-Adame (UNAM)

Pathological Objects in Mathematical Analysis

11h30 - 12h10

David Rabouin (Paris 7) and David Waszek (Paris 1)

On the graphic-linguistic distinction in mathematics

12h10 - 12h40

João Cortese (Paris 7) and Pascal Bertin (Paris 7)

Comments and discussion

12h40 - 14h: Lunch

Session 6 - History and Philosophy of Biomedical Sciences

Pdt: Jean Hache (Paris 1)

14h - 14h40

Erica Torrens (UNAM)

Images of power and ideology: representation of human evolution in Mexican popular visual culture

14h40 - 15h20

Cécilia Bognon (Paris 1)

From non-living to living matter at the turn of the 19th century

15h20 - 15h50: Coffee break

15h50 - 16h30

José Antonio Alonso (UNAM)

Niche construction theory as a model to interpret bioethical issues in modern-life environments

16h30 - 17h

Victor Lefèvre (Paris 1)

Comments and discussion

17h30 End of the conference - Social event (cocktail)

Conference report: Nicola Bertoldi (Paris 1), Victor Lefèvre (Paris 1), María de Lourdes Ramírez-Argonza (UAM).