

June 21, 2016 (Tuesday)

Venue: Paris-Diderot University, salle Luc Valentin

- 8h50 - 9h00

Opening by the organizers (Pdt: Michel Bourdeau)

Session 1 - History and Philosophy of Mathematics
Pdt: Michel Bourdeau (Paris 1)

- 9h00 - 09h40
Carlos Alvarez, *Three moments in the junction of algebra and geometry*
- 9h40 - 10h20
Simon Decaens, *Abstraction and its roles in the development of lattice theory in the 1930s*
- 10h50 -11h30
Francisco Barrios, *Newton's vision of Modern and Ancient Analysis*
- 11h30 - 12h10
Mathieu Gibier, *Leibniz's dynamica*
12h10-12h40
Marco Panza, *Comments and discussion*

June 22, 2016 (Wednesday)

Venue: Paris-Diderot University, salle Luc Valentin

Session 3 - History and Philosophy of Mathematics
Pdt: Pascal Crozet (Paris 7)

- 9h00 - 9h40
Jean Dhombres, *A dialog between history and philosophy of mathematics*
- 9h40 - 10h20
Max Fernández de Castro, *Hilbert's finitist reasoning*
- 10h50 - 11h30
Marina Imocrante, *Mathematical structuralism and applicability*
- 11h30 - 12h00
Hourya Bénis-Sinaceur, *Comments and discussion*

June 23, 2016 (Thursday)

Venue: Paris 1 Panthéon-Sorbonne, IHPST

Session 5 - History and Philosophy of Mathematics
Pdt: Carlos Alvarez (UNAM)

- 9h00 - 9h40
Vincent Jullien, *On Seventeenth-Century Indivisibles*
- 9h40 - 10h20
Delphine Toquet, *Francis Bacon's role in the French Scientific Revolution*
- 10h50 - 11h30
Carmen Martínez-Adame, *Pathological Objects in Mathematical Analysis*
- 11h30 - 12h10
David Rabouin, and David Waszek, *On the graphic-linguistic distinction in mathematics*
- 12h10 - 12h40
João Cortese, and Pascal Bertin, *Comments and discussion*

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Session 2 - History and Philosophy of Biomedical Sciences
Pdt: Maria de Lourdes Ramírez-Argonza (UNAM)

- 14h - 14h40
Rosaura Ruiz, Ricardo Noguera, Juan Manuel Rodriguez, *French Materialism in a Mexican Revolutionary: Ricardo Flores Magón*
- 14h40 - 15h20
Cécilia Bognon, *From non-living to living matter at the turn of the 19th century*
- 15h50 - 16h30
Ana Barahona, *New Trends in the Historiography of the Natural Sciences*
- 16h30 - 17h10
Gaëlle Pontarotti, *A new insight into the question of gene-culture coevolution*
- 17h10-17h40
Stéphane Tirard, *Comments and discussion*

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Session 4 - History and Philosophy of Biomedical Sciences
Pdt: Ana Barahona (UNAM)

- 13h30 - 14h10
María de Lourdes Ramírez-Argonza, *Consciousness and evolution*
- 14h10 - 14h50
Dairon Alfonso Rodríguez-Ramírez, *Pongid's comparative psychology*
- 15h20 - 16h00
Jorge Martínez-Contreras, *Reflexion and evolution*
- 16h-16h40
Juan Manuel Rodríguez Caso, *Historicising humans in the country and overseas: Alfred Russel Wallace, natural selection and human origins*
- 16h40 - 17h10
Jean Gayon, *Comments and discussion*

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Session 6 - History and Philosophy of Biomedical Sciences
Pdt: Jean Hache (Paris 1)

- 14h - 14h40
Erica Torrens, *Images of power and ideology: representation of human evolution in Mexican popular visual culture*
- 14h40 - 15h20
Sébastien Dutreuil, *Gaïa: hypothesis, research program or natural philosophy?*
- 15h50 - 16h30
José Antonio Alonso, *Niche construction theory as a model to interpret bioethical issues in modern-life environments*
- 16h30 - 17h
Victor Lefèvre, *Comments and discussion*