

Center for Philosophy of Science of the University of Lisbon

International Colloquium The Philosophers and Mathematics, 29th – 30th October, Faculty of Sciences, Room 6.2.56

29th October

9:30-10:00 Welcome of the participants at the main entrance of C6 building

10:00-10:30 Opening Session: Fernando Ferreira, Olga Pombo, Roshdi Rashed

Chairman: Gerhard Heinzmann

10:30-11:20 Roshdi Rashed: [Avicenne: Mathématiques et Philosophie](#)

Coffee-break 15 min

11:35-12:15 Pascal Crozet: *Avicenne et la Théorie des Nombres*

12:15-13:05 Jean-Jacques Szczeciniarz: [Mathématiques et Réflexivité](#)

Lunch

Chairman: Hourya Sinaceur Benis

14:30-15:20 Paolo Freguglia: [Foundations of Geometry in Peano's School and Epistemological Consequences](#)

15:20-16:10 Claudio Bartocci: *Analogy and Invention: some Remarks on Poincaré's Analysis situs papers*

Coffee-Break 15min

17:15-18:05 Fernando Ferreira: [Logicism: its problems, its scope](#)

18:05-18:45 Carlos Lobo [Some Reasons why Rota Criticized Probabilities' Axiomatization](#)

20:00 Dinner Cervejaria Restaurante Real Fábrica - Rua da Escola Politécnica, 275

*to attend the dinner please send an email to saneves@fc.ul.pt

30th October

Chairman: Marco Panza

9:30-10:20 Pierre Pellegrin: [La Mathématique et le Monde Physique chez Aristote](#)

10:20-11:10 Reinhard Kahle: [Philosophers as Mathematicians and Mathematicians as Philosophers from Plato to Hilbert](#)

Coffee-Break 15min

11:25-12:15 Gerhard Heinzmann: [Couturat: «Poincaré, mon savant collaborateur» \(?\) — Le débat sur le statut philosophique de l'espace géométrique](#)

12:15-13:05 Hourya Benis: *L'impact de L'axiomatique abstraite sur la Philosophie du Début du XXe: Husserl et Cavailles*

Lunch

Chairman: Roshdi Rashed

14:30-15:20 Marco Panza: [What is a Mathematical Theory?](#)

15:20-16:00 Ahmad Hasnaoui: *Quelques points de contact entre philosophie et mathématiques: d'al-Kindī à al-Tūsī. Brèves remarques à partir des travaux de Roshdi Rashed*

16:00-16:15 Closure of the Colloquium

Coffee - Break