

## *The Classical Model of Science*

January 10-13, 2007

Faculty of Philosophy, Vrije Universiteit Amsterdam

*Programme (December 3, 2006)*

<b>Wednesday, 10<sup>th</sup> January</b>		
19.00-20.00	<b>Auditorium, Main Building</b> <i>Registration &amp; Reception</i>	
20.00-22.00	<b>E.W. Beth Lecture</b> Paolo Mancosu (Berkeley) <i>From Harvard to Amersfoort: Quine and Tarski on Nominalism</i>	
<b>Thursday, 11<sup>th</sup> January</b>		
9.00-9.30	<i>Registration &amp; Coffee/Tea, Room 13A-11/13</i>	
9.30-9.45	<b>Word of Welcome by the Organizers and Presentation of the Conference, Room 12A-05</b>	
9.45-11.05	<b>Plenary Session A, Room 12A-05</b> Jonathan Barnes (Paris) <i>The Idea of a Logically Perfect Language</i>	
11.05-11.20	<i>Coffee Break, Room 13A-11/13</i>	
	<b>Parallel Session I, Room 12A-05</b>	<b>Parallel Session II, Room 11A-02</b>
11.20-12.00	Pieter Sjoerd Hasper (Groningen) <i>The Place of Axioms in Aristotelian Science – Towards a New Approach to Aristotle's Philosophy of Science</i>	Salvatore Roberto Arpaia (Bergamo) <i>The limits of Tarski's model of deductive sciences</i>
12.05-12.45	Donald Morrison (Rice, Houston) <i>Analysis as a Philosophical Method in Ammonius</i>	Davide Rizza (Sheffield) <i>The emergence of algebraic structures from Peano's axiomatizations of geometry</i>
12.45-14.00	<i>Lunch, VU Cafeteria, Main Building, Ground Floor</i>	
14.00-15.20	<b>Plenary Session B, Room 12A-05</b> Ivor Grattan-Guinness (Middlesex) <i>Formalising mechanics</i>	
15.20 -	<i>Coffee Break, Room 13A-11/13</i>	

15.35		
	<b>Parallel Session III, Room 12A-05</b>	<b>Parallel Session IV, Room 11A-06</b>
15.35-16.15	Paola Cantù (Milan) <i>Aristotle's prohibition-rule on kind-crossing and the definition of mathematics as a science of quantities</i>	Andrei Rodin (Paris) <i>Categorification and Formal Axiomatic method: Towards a Hermeneutic Model of Science</i>
16.20-17.00	Olivier Dubouclez (Paris) <i>The role of enthymeme in the shaping of scientific reasoning from Late Antiquity to Renaissance</i>	Charles Lowney (Boston) <i>On the Limits of Scientific Exploration: From 'Language as Logic and Language as Calculus' to 'Language as the Universal Medium versus Language as Calculus'</i>
17.00-17.30	<i>Coffee Break, Room 13A-11/13</i>	
	<b>Parallel Session V, Room 12A-05</b>	<b>Parallel Session VI, Room 11A-06</b>
17.30-18.10	Michel Serfati (Paris) <i>The Rules for the Direction of the Mind and the constitution of the cartesian subject of scientific knowledge</i>	Peter Caws (Washington) <i>Logical Structure and Empirical Adequacy</i>
18.15-18.55	Anita Konzelmann Ziv (Basel) <i>The role of intersubjectivity in Bolzano's conception of science</i>	F. A. Muller (Rotterdam/Utrecht) <i>The Suppesian Revolution</i>

<b>Friday 12<sup>th</sup> January</b>		
9.30-10.00	<i>Coffee/Tea, Room 13A-11/13</i>	
10.00-11.20	<b>Plenary Session C, Room 12A-05</b> Paolo Mancosu (Berkeley) <i>On completeness and categoricity of axiomatic systems</i>	
11.20-11.35	<i>Coffee Break, Room 13A-11/13</i>	
	<b>Parallel Session VII, Room 12A-05</b>	<b>Parallel Session VIII, Room 11A-02</b>
11.35-12.15	Woosuk Park (KAIST, Seoul) <i>Biancani on Scientiae Mediae</i>	Brice Halimi (Paris) <i>The equivalence of universality and necessity as a problem</i>
12.20-13.00	Bernardo Mota (Lisbon) <i>Mathematics and the Classical Model of Science in the 16-17th Centuries Classroom: The Collection of Logic Manuscripts at the National Library (Lisbon).</i>	Catarina Dutilh-Novaes (CUNY) <i>Formalization: Axiomatization and Symbolization</i>
13.00-14.15	<i>Lunch, VU Cafeteria, Main Building, Ground Floor</i>	
14.15-15.35	<b>Plenary Session D, Room 12A-05</b> Leila Haaparanta (Tampere) <i>Intuition and Justification in Husserl's Philosophy of Logic</i>	
15.35-16.05	<i>Coffee Break, Room 13A-11/13</i>	
	<b>Parallel Session IX, Room 12A-05</b>	<b>Parallel Session X, Room 11A-06</b>

16.05-16.45	Henning Peucker (Tampere) <i>Husserl's Logic and its Epistemological Foundation</i>	Olga Antonova (St. Petersburg) & Sergei Soloviev (Toulouse) <i>Axiomatics and its Model Interpretation from the Historical Perspective</i>
16.50-17.30	Mirja Hartimo (Tampere) <i>The role of evidence in Husserl's conception of logic</i>	Dirk Schlimm (McGill, Montreal) <i>From domains of being to axiomatic systems, and vice versa</i>
	<i>Dinner</i>	

<b>Saturday, 13<sup>h</sup> January</b>		
9.30-10.00	<i>Coffee/Tea, Room 13A-11/13</i>	
	<b>Parallel Session XI, Room 7A-02</b>	<b>Parallel Session XII, Room 11A-02</b>
10.30-11.10	Heikki Koskinen (Helsinki) <i>Quine, Predication and Domains of Being</i>	Mélanie Frappier (Minnesota) <i>Hilbert and Heisenberg on Axiomatization, the Unity of Science, and the Measurement Problem</i>
11.10-11.25	<i>Coffee Break, Room 13A-11/13</i>	
11.25-12.05	Sabine Ammon (Berlin) <i>Reconstructing Knowledge and Constructing Understanding - Carnap, Goodman and the limits of constitutional systems</i>	Flavia Padovani (Geneva) <i>Hans Reichenbach and the Axiomatization of Physics</i>
12.10-12.50	Jean-Louis Hudry (Edinburgh) <i>Metamathematical Language: its Syntactic Models and Semantic Interpretations</i>	Andrea Reichenberger (Paderborn) <i>Hertz's Axiomatization of Physics and Its Influence on Hilbert</i>
12.50-14.00	<i>Lunch, Rode Pieper (Red Potato Building)</i>	
14.00-15.20	<b>Plenary Session E, Purple Room, Rode Pieper (Red Potato Building)</b> Jaakko Hintikka (Boston) <i>What is the axiomatic method?</i>	
15.20-15.30	<b>Closing Remarks</b>	