

Colóquio Interdisciplinar Henri Poincaré

IMPA, Rio de Janeiro, November 27 to 30, 2012

Program

Tuesday, 27		Wednesday, 28	Thursday, 29	Friday, 30
8:30 - 9:00				
Registration				
9:00 - 9:50				
Opening Cerimony				
09:50 - 10:40		09:30 - 11:00	09:30 - 11:00	09:30 - 11:00
<div>Opening Conference</div> <div>J. Palis</div> <div>A view on some of his fundamental contributions to the present day developments</div>		<div>Round Table 2</div> <div>History of Physics</div> <div>S. Walter</div> <div>Poincaré, Hertz, and Hertzian Waves</div> <div>S. Volchan</div> <div>On Hilbert's Sixth Problem</div>	<div>Round Table 4</div> <div>History of Celestial Mechanics</div> <div>P. Nabonnand</div> <div>The first contributions of Poincaré in celestial mechanics seen from his correspondence with Anders Lindstedt (1883-1884)</div> <div>T. Roque</div> <div>The reception of Poincaré's new methods by the astronomers of his time</div>	<div>Round Table 6</div> <div>Philosophy</div> <div>G. Heinzmann</div> <div>Poincaré's conventionalism and its structural aspect</div> <div>R. Siegmund-Schultze</div> <div>The influence of Poincaré on the Vienna Circle of positivistic philosophy</div>
11:00 - 11:50		11:00 - 11:50	11:00 - 11:50	11:00 - 11:50
<div>Plenary Talk</div> <div>C. Goldstein</div> <div>Poincaré and arithmetic</div>		<div>Plenary Talk</div> <div>E. Ghys</div> <div>Poincaré and probability</div>	<div>Plenary Talk</div> <div>J. Barrow-Green</div> <div>Poincaré's Last Geometric Theorem and its Legacy</div>	<div>Plenary Talk</div> <div>R. Disalle</div> <div>Poincaré on the relativity of space and space-time</div>
11:50 - 14:00				
Lunch				

14:00 - 15:30	14:00 - 15:30	14:00 - 15:30	14:00 - 15:30
<p>Round Table 1 History of Mathematics F. Brechenmacher <i>The algebraic cast of Poincaré's Méthodes nouvelles</i></p> <p>G. Schubring <i>Some archival findings on the prize competition regarding the n-body problem</i></p>	<p>Round Table 3 Heritage in Mathematics A. de Carvalho <i>Poincaré, Birkhoff, Smale and Thurston</i></p> <p>M. Lopes Filho <i>Poincaré and the theory of fluid vortices</i></p>	<p>Round Table 5 Poincaré e a tradição da análise na França M. Paty <i>Trabalho científico e pensamento filosófico</i></p> <p>G. Grimberg <i>A correspondência com Klein e as funções fuchsianas</i></p>	<p>Round Table 7 Epistemology A.A. Videira <i>Poincaré and the theories of the electron in the beginning of the XXth</i></p> <p>M. de Paz <i>Not all about convention: the role of facts in Poincaré's epistemology</i></p> <p>I. Serra <i>Geometry and Physics in Poincaré's philosophy</i></p>
15:40 - 16:30	15:40 - 16:00		
<p>Plenary Talk A. Chenciner <i>A walk into the New Methods of Celestial Mechanics</i></p>	Coffee Break		
17:00	16:00 - 17:00	16:00 - 17:00	16:00 - 17:00
Cocktail	<p>Plenary Talk F. Codá Marques <i>The Poincaré Conjecture</i></p>	<p>Plenary Talk M. Viana <i>Dynamics beyond uniform hyperbolicity</i></p>	<p>Plenary Talk L. Davidovich <i>Poincaré, Einstein, Schrödinger and the puzzles of the quantum world</i></p>
	17:00 - 18:00	17:00 - 18:00	
	<p>Talk for a General Audience L. Rollet <i>July 17, 1912: the Death of Henri Poincaré ... The construction of a biographical network</i></p>	<p>Talk for a General Audience I. de Castro Moreira <i>Poincaré: Filósofo e divulgador da Ciência</i></p>	