

	Thursday, October 28		
	Room: Jaurès	Room: Marbo	Room: U209
08:00-8:30			
08:30-9:00	Registration		
09:00-9:30	Opening remarks + Invited speaker 1: Eliahu Cohen "Telling a smile from a veil: Weak values, Cheshire cats, and counterfactual communication" (room Jaurès) <i>chair: Grinbaum</i>		
09:30-10:00			
10:00-10:30	break		
	<i>chair: Roberts</i>	<i>chair: Bacciagaluppi</i>	
10:30-11:00	James Weatherall. Where Does General Relativity Break Down?	Patrick Fraser, Nuriya Nurgalieva and Lidia del Rio. A No-Go Theorem for Quantum Knowledge	
11:00-11:30	Adán Sus. Relativity without miracles	Emilia Margoni. Can Bohmian ontology be a minimalist ontology?	
11:30-12:00	Jingyi Wu and James Weatherall. Between a Stone and a Hausdorff Space	Antoine Tilloy and Howard Wiseman. Non-Markovian wave-function collapse models are Bohmian theories in disguise	
12:00-12:30	Kian Salimkhani. The Dynamical Approach to Spin-2 Gravity	Pablo Acuña. Hidden Variables: from von Neumann's theorem to (deflationary) contextuality	
12:30-13:00	Helen Meskhidze. Energy Conditions in Theories of Modified Gravity	Fabrizio Napolitano. Tests of Foundations of Quantum Mechanics at the Gran Sasso underground laboratories	
13:00-13:30	lunch (Curie)		
13:30-14:00			
14:00-14:30			
	<i>chair: Zwirn</i>		<i>chair: Weatherall</i>
14:30-15:00	Richard Healey. Beyond Bell?		Vera Matarese. Direct or Conceptual Replicability as the Gold Standard for Science? The case of the Hubble Constant
15:00-15:30	Marton Gömöri and Carl Hoefer. Classicality and Bell's Theorem		Kevin Coffey. Symmetry and Interpretation in Newtonian Gravitation: The Importance of Interaction(s)
15:30-16:00	Ravi Kunjwal and Victoria Wright. Contextuality in composite systems: entanglement vs. the Kochen-Specker theorem		Matthew Parker. Lotteries, Dice, and Multiverse Cosmology
16:00-16:30	Guido Bacciagaluppi and Ronnie Hermens. Reverse Bell's Theorem and Relativity of Pre- and Postselection		Niels Martens. Comparing the explanatory power of Λ CDM & modified gravity
16:30-17:00	break		
17:00-17:30	Invited speaker 2: Eleanor Knox "Spacetime Functionalism in Newtonian Theories" (room Jaurès) <i>chair: Ardourel</i>		
17:30-18:00			

	Friday, October 29		
	Room: Jaurès	Room: Marbo	Room: Langevin
08:30-9:00			
	<i>chair: Curiel</i>	<i>chair: Arrighi</i>	
09:00-9:30	Giovanni Valente and Bryan Roberts. Two interpretations of Feynman on antimatter and time's arrow		
09:30-10:00	Lev Vaidman. The impact of quantum mechanics on philosophy		
10:00-10:30	Ward Struyve. Time-reversal invariance and ontology	Julian Wechs. Existence of processes violating causal inequalities on time-delocalised subsystems	
10:30-11:00	Elise Crull. Temporal Entanglement and the Quantum-to-Classical Transition	Hippolyte Dourdent and Cyril Branciard. Violation of causal and logical inequalities in a causal game	
11:00-11:30	break		
	<i>chair: Wallace</i>	<i>chair: Arrighi</i>	
11:30-12:00	Michael Stoeltzner. Constraints on new physics: The modal challenge of effective field theories	Timothée Hoffreumon and Ognyan Oreshkov. The multi-round process matrix: emergence of new causally indefinite dynamics through activation	
12:00-12:30	Sebastien Rivat. Ken Wilson's early concept of effective theory	Laurie Letertre. Causal nonseparability and its implications for spatiotemporal relations	
12:30-13:00	Michael Miller. Infrared Cancellation and Measurement	David Schmid, John Selby and Robert Spekkens. Unscrambling the omelette of causation and inference: The framework of causal-inferential theories	
13:00-13:30	lunch (Curie)		
13:30-14:00			
	<i>chair: Fletcher</i>	<i>chair: Parker</i>	<i>chair: Vaidman</i>
14:00-14:30	David Wallace. Observability, redundancy and modality for dynamical symmetry transformations	Martin King. The rise of model independence	Leon Loveridge. Relative Quantum Time
14:30-15:00	Guy Hetzroni. Symmetries and Interactions: From Heuristics to Ontology	Milla Lifke. All things strings: From theory to a method of thinking	Anne-Catherine de la Hamette and Thomas Galley. Quantum reference frames for general symmetry groups
15:00-15:30	Valeriya Chasova. Relationships between actions, equations of motion, symmetries and conservation laws: dispelling some misunderstandings	Francesca Vidotto. On the tensor product structure of general covariant systems	Hamed Mohammady. Measurement disturbance and conservation laws in quantum mechanics
15:30-16:00	Cristian López. Against symmetry realism. A prospect for symmetry deflationism	Philipp Berghofer. Towards gauge invariant accounts of the Brout-Englert-Higgs Mechanism: Ontological implications of the "dressing"	Erik Curiel. Interaction and Evolution in Quantum Mechanics
16:00-16:30	Henrique Gomes. Holism as the significance of gauge	Rasmus Jakslund. The Many Problems of Spacetime Emergence	Hervé Zwirn. The role of the observer in quantum mechanics
16:30-17:00	break		
17:00-17:30	Invited speaker 3: Christian Wuthrich "Dynamical Laws at the Big Bang" (room Jaurès)		
17:30-18:00	<i>chair: Vidotto</i>		
18:00-18:30			
19:00	Dinner at La Coupole (by invitation only)		

	Saturday, October 30		
	Room: Jaurès	Room: Marbo	Room: Ribot
08:30-9:00			
	<i>chair: Matarese</i>	<i>chair: Crull</i>	<i>chair: Rivat</i>
09:00-9:30	Samuel Fletcher. On Surplus Structure Arguments	Natasha Oughton. Singling out quantum correlations: The role of the Shannon information in the Information Causality principle	Radin Dardashti. Understanding Scientific Problems
09:30-10:00	Clara Bradley. The Significance of Isomorphic Models	Victoria Wright and Stefan Weigert. General probabilistic theories with (and without) Gleason-type theorems	Patricia Palacios and Rawad El Skaf. Getting off the armchair: The crucial role of thought experiments in black hole thermodynamics
10:00-10:30	Joshua Babic and Lorenzo Cocco. Special Relativity and Theoretical Equivalence	Tomasz Placek and Thomas Mueller. On experimenters' free choice and deterministic hidden variable models	Quentin Rodriguez. Distinct unifications, different fundamentalities? Universality in condensed matter physics
10:30-11:00	Robert Booth. Contextuality and Wigner negativity are equivalent for continuous-variable measurements	Martino Trassinelli. An unique probability function for quantum and classical phenomena where distributivity is violated	Marco Forgiione. Emergent Trajectories and Path Integrals
11:00-11:30	break		
	<i>chair: Leduc</i>	<i>chair: El Skaf</i>	<i>chair: Tilloy</i>
11:30-12:00	Peter Woit. Unifying Foundations for Physics and Mathematics	James Wills. Dynamical Indistinguishability	Simon Friederich. Introducing the Q-based interpretation of quantum theory
12:00-12:30	Flavio del Santo. Fundamental indeterminism in classical mechanics and special relativity	Athamos Stradis. The Origins of Observation	Pierre Uzan. Super-Quantum, No-Signaling Correlations Cannot Exist
12:30-13:00	Marco Giovanelli. Relativity Theory as a Theory of Principles. Origin and Development of Einstein's Distinction between Principle and Constructive Theories	Emanuel Bertrand. An attempt to promote out-of-equilibrium thermodynamics as a new foundation for physics. Ilya Prigogine and Isabelle Stengers' Order out of chaos (1979).	Andrea Carosso. The Problem of Quantization
13:00-13:30	lunch (Curie)		
13:30-14:00			
14:00-14:30			
14:30-15:00			
	Invited speaker 4: Michel Bitbol "Relational relationism and absolute relationism" + Concluding remarks (room Jaurès) <i>chair: Grinbaum</i>		