

## Tuesday, July 9

	Room 3D	Room 3C	Room 3B	Room 2I	Room 2H	Room 2G
Parallel I (3 talks)	<p>Contributed Papers</p> <p><b>Definition and Essence</b></p> <p>Chair: Helen Hattab</p> <p><b>How to Decompose an Essence: Kilwardbian Genus-Differentia Definition in Context</b></p> <p>Preedanant Jareonsettasin</p> <p><b>Exploring the Linguistic Dimension of Leibniz's General Science: The Influence of the Universal Characteristic</b></p> <p>Kristijona Cerapaite</p> <p><b>Leibniz on the Materialist Roots of Hobbes's Conventionalism</b></p> <p>Amedeo Robiolio</p>	<p>Symposium</p> <p><b>"Aged but perhaps not yet obsolete": Reconsidering Merton for the History, Philosophy and Sociology of Science</b></p> <p>Chair:</p> <p><b>Robert K. Merton's skirmishes with the next generation of constructivists</b></p> <p>Christian Fleck</p> <p><b>Forgetting Merton. Reexamining a Process of Marginalization in the Philosophy, History and Sociology of Science</b></p> <p>Martin Strauss</p> <p><b>Scientific Norms and the Autonomy of Science. Re-considering Merton in the Light of Recent Sociology of Science (Bourdieu, Lamont)</b></p> <p>Elisabeth Nemeth</p>	<p>Contributed Papers</p> <p><b>Logic and Philosophy</b></p> <p>Chair:</p> <p><b>Depsychologizing without desubjectivizing? Logic and philosophy in Royce, C. I. Lewis and Quine</b></p> <p>Sébastien Gandon</p> <p><b>Royce and Conventionalism</b></p> <p>Michael Futch</p> <p><b>Lakatos on the Metaphysics and Epistemology of Laws of Nature</b></p> <p>Bruno Borge</p>	<p>Contributed Papers</p> <p><b>Scientific Realism</b></p> <p>Chair:</p> <p><b>Stebbing against anti-realism in the philosophy of science</b></p> <p>Andreas Vrahimis</p> <p><b>Sellars and The Scientific Image</b></p> <p>John Dougherty</p> <p><b>American "New" Realism and Behaviorism: A Case for Interdisciplinary History of Ideas</b></p> <p>Matthias Neuber</p>	<p>Contributed Papers</p> <p><b>Quantitative Studies</b></p> <p>Chair:</p> <p><b>Economics and „verstehendes Erklären“ in the social sciences: Hans Zeisel's contribution to the working philosophy of the Marienthal study</b></p> <p>Daniel Eckert</p> <p><b>What happened to 'Rigorous Science' in Phenomenology? A quantitative study</b></p> <p>Gregor Boes</p> <p><b>Mapping the Practical Turn: A Digital Pre-History of the Philosophy of Mathematical Practice</b></p> <p>Maximilian Noichl; Gareth Pearce; Charles Pence</p>	
Coffe						
Parallel II (3 talks)	<p>Contributed Papers</p> <p><b>Space and Substance</b></p>	<p>Symposium</p> <p><b>Science and Philosophy</b></p>	<p>Contributed Papers</p> <p><b>Logical Empiricism in</b></p>	<p>Contributed Papers</p> <p><b>Historical Turn</b></p>	<p>Contributed Papers</p> <p><b>Darwinism</b></p>	

	<p>Chair: Ed Slowik</p> <p><b>Margaret Cavendish's Materialist Conception of Sympathy</b></p> <p>Kevin Lower</p> <p><b>Spinoza and the Vacuum: Plenum Physics as a Motivator for Necessitarianism</b></p> <p>David Harmon</p> <p><b>Reframing the Substantialist/Relationalist Debate</b></p> <p>Stephen Harrop</p>	<p><b>in the Work of Émilie Du Châtelet</b></p> <p>Chair: Katherine Brading</p> <p><b>Seeing Du Châtelet's Methodology by the Light of Her Dissertation of Fire</b></p> <p>Michael Veldman</p> <p><b>The Prehistory of Du Châtelet's Chapter on Space</b></p> <p>Qiu Lin</p> <p><b>A Tale of Two Forces: Gravity and <i>Vis Viva</i> in Du Châtelet's <i>Institutions</i></b></p> <p>Andrew Janiak</p>	<p><b>the Anglophone World</b></p> <p>Chair:</p> <p><b>Philosophizing in fluent "broken English". Carnap and Neurath on language in exile</b></p> <p>Max Beck</p> <p><b>Sociology of Science in Logical Empiricism: Frank's Research Group at the Institute for the Unity of Science</b></p> <p>Adam Tamas Tuboly</p> <p><b>Carnap in Los Angeles</b></p> <p>Christian Damböck</p>	<p>Chair:</p> <p><b>The Historical Turn in Philosophy of Science</b></p> <p>Kristian Camilleri</p> <p><b>Looking at the Painting, Looking at the Brushstroke - A Change in Focus in the Study of Scientific Progress</b></p> <p>Daniele Garancini</p> <p><b>Mary Hesse on Open Texture and Interpretation</b></p> <p>Paul Franco</p>	<p>Chair:</p> <p><b>Reconsidering the Structure of Darwin's 'Long Argument'</b></p> <p>Stavros Ioannidis</p> <p><b>Understanding behavior from an evolutionary perspective: a history of the diverse generalizations of Darwinism</b></p> <p>Agathe Du Crest</p> <p><b>Darwinism meets Quantum Mechanics: the work of Mario Ageno on the Origin of Life (1915 – 1922)</b></p> <p>Daniele Cozzoli</p>	
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Lunch

Parallel III (4 talks)	<p>Contributed Papers</p> <p><b>Optics and Color</b></p> <p>Chair: Lisa Downing</p> <p><b>The Modeling Revolution: A Case Study in Descartes's Optics</b></p> <p>Ryan Miller</p> <p><b>Thinking from Analogy and the Genealogy of Optics in the Early Royal Society: Robert Hooke and Henry Power</b></p> <p>Alexandru Liciu</p> <p><b>Locke on Whether a Science of Color is Possible</b></p> <p>Anat Schechtman</p>	<p>Contributed Papers</p> <p><b>Philosophy of Biology</b></p> <p>Chair:</p> <p><b>Philipp Frank and Moritz Schlick on the disciplinary integration of biology</b></p> <p>Veronika Hofer</p> <p><b>The Problem of Organization in Biology and Its Reception in Mainstream Philosophy of Science, 1920-1961</b></p> <p>Daniel Brooks</p> <p><b>Jordan vs. Schrödinger: The Forgotten Dispute that Decided the Fate of Determinism in</b></p>	<p>Symposium</p> <p><b>The Intellectual and Institutional Reception of Logical Empiricism in the United States</b></p> <p>Chair:</p> <p><b>What is Scientific Philosophy? Charles W. Morris and the Fortune of Logical Empiricists in the United States</b></p> <p>Claudia Cristalli</p> <p><b>The Bounds of Tolerance: Quine's Early Reception of Carnap</b></p> <p>Wim Vanrie</p>	<p>Contributed Papers</p> <p><b>Philosophy of Science Meets Scientific Historiography</b></p> <p>Chair:</p> <p><b>Beyond footnotes: Lakatos' meta-philosophy and the history of science</b></p> <p>Samuel Schindler</p> <p><b>How historiographical standards adjudicate philosophical disagreements</b></p> <p>Dubian Cañas</p> <p><b>The changing meaning of discovery in chemistry</b></p>	<p>Symposium</p> <p><b>Ilse (Rosenthal-)Schneider: A Philosopher-Scientist who Built Bridges between Continents and Disciplines</b></p> <p>Chair:</p> <p><b>An Alternative Kantian Inspired Understanding of Einstein's Theory of Relativity. On the Philosophical Background of Ilse Schneider</b></p> <p>Rudolf Meer</p> <p><b>Ilse Schneider's Understanding of Kant and Einstein as an</b></p>	
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	<p><b>Leibniz and Newton on Color</b></p> <p>Chris Smeenk</p>	<p><b>Molecular Biology</b></p> <p>Daniel Nicholson</p> <p><b>The Lady and the Plants: Two Notions of Teleology in Agnes Arber's Philosophy of Plants</b></p> <p>Vera Straetmanns</p>	<p><b>Serving Life in the USA: Socio-Political Representation of Logical Empiricism in the Early American Context</b></p> <p>Nina IJdens</p> <p><b>How American Philosophy turned Analytic: A Tale of Three Departments</b></p> <p>Sander Verhaegh</p>	<p>Vanessa Seifert</p> <p><b>The Zeitgeist as a Paradigm: Sociology of Scientific Knowledge in Tadeusz Bilikiewicz's "Die Embryologie"</b></p> <p>Artur Koterski</p>	<p><b>Alternative to the Realist-Empiricist Interpretation</b></p> <p>Julia Franke-Reddig</p> <p><b>Does God Really not Play Dice? Ilse Rosenthal-Schneider's Cautious Struggle with Einstein</b></p> <p>Andrea Reichenberger</p> <p><b>Philosophical-Scientific Borderlands: Kantian Legacies in Ilse Rosenthal-Schneider's Work in Australia after the Second World War</b></p> <p>Daniela Helbig</p>	
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Coffee

<p>Parallel IV (3 talks)</p>	<p>Contributed Papers</p> <p><b>Mathematics</b></p> <p>Chair: Aaron Wells</p> <p><b>Basic Number Knowledge: Recovery of a Humean Insight</b></p> <p>Mario Santos-Sousa</p> <p><b>Definitions and Constructive Procedures in Kant's Philosophy of Mathematics</b></p> <p>Katherine Dunlop</p> <p><b>Locality and Symmetry in the Emergence of Lagrangian Analytical Mechanics</b></p> <p>Tzuchien Tho</p>	<p>Contributed Papers</p> <p><b>Psychology in Nineteenth Century Thought</b></p> <p>Chair:</p> <p><b>The Philosophical Roots of Scientific Psychology in Germany: Herbart and Fries</b></p> <p>Michele Vagnetti</p> <p><b>"Leibnizian Thoughts": How Emil du Bois-Reymond dissolved the empiricism-nativism controversy against (but also with) Helmholtz</b></p> <p>Michael Heidelberger</p> <p><b>Origins of the Idea that Thinking is Modelling</b></p>	<p>Contributed Papers</p> <p><b>Kuhn in Contexts</b></p> <p>Chair:</p> <p><b>Positivist or Post-Positivist Philosophy of Science? The Left-Vienna Circle and Thomas Kuhn</b></p> <p>Joseph Bentley</p> <p><b>Thomas Kuhn and the Causal Theory of Reference</b></p> <p>Jacob McDowell</p> <p><b>Questioning the Quantum: On Thomas Kuhn's Interviews with Quantum Physicists</b></p> <p>Jan Potters</p>	<p>Symposium</p> <p><b>Realism in the Formal Turn of German Philosophy: 1840-1928 – and Beyond</b></p> <p>Chair:</p> <p><b>"This is Socrates". Realism in the 19th-Century Debate on Logic</b></p> <p>Francesco Pisano</p> <p><b>In Search of (Lost) Extension. Realism, Intentionality, and Accessibility in Husserl</b></p> <p>Felice Masi</p> <p><b>Questions of Realism in Carnap's Quasi-Analysis</b></p> <p>Caterina Del Sordo</p>	<p>Contributed Papers</p> <p><b>Logic of Induction</b></p> <p>Chair:</p> <p><b>Positivist induction: the Mill-Whewell debate revisited</b></p> <p>Andrei Marasoiu</p> <p><b>Induction as action: resolving the problem of Whewell's idealism</b></p> <p>Andrew Cooper</p> <p><b>Three Problems of Cause-Condition Reasoning in Mill's System of Logic</b></p> <p>Brian Hanley</p>	
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		Mazviita Chirimuuta				
Reception						

Wednesday, July 10

	Room 3D	Room 3C	Room 3B	Room 2I	Room 2H	Room 2G
Parallel V (3 talks)	<p>Contributed Papers</p> <p><b>Local Science</b></p> <p>Chair: Patrick Connolly</p> <p><i>Physica at the University of Leiden, 1675-c.1721: The Creation of an Autonomous Discipline</i></p> <p>Steffen Ducheyne</p> <p><b>The Geometrical Method in the Weigel School</b></p> <p>Theodor Berwe; Jens Lemanski</p> <p><b>Radical Themes in Early American Natural Philosophy</b></p> <p>Geoffrey Gorham</p>	<p>Contributed Papers</p> <p><b>Perspectives on Modern Physics</b></p> <p>Chair:</p> <p><b>On Ferdinand Gonseth's Philosophie Ouverte</b></p> <p>Ties Van Gemert</p> <p><b>Bohrian perspectivism</b></p> <p>Pascal Rodriguez-Warnier</p> <p><b>Spare the Rod: Relativity as Pure Chronometry</b></p> <p>Samuel Fletcher</p>	<p>Symposium</p> <p><b>N. R. Hanson: Then and Now</b></p> <p>Chair:</p> <p><b>N.R. Hanson's Peculiar Legacy</b></p> <p>Matthew Lund</p> <p><b>N. R. Hanson's Pragmatic Theory of Observation</b></p> <p>C. David Suárez Pascal</p> <p><b>Hansonian Seeing As: Contemporary Variations</b></p> <p>Raja Rosenhagen</p>	<p>Contributed Papers</p> <p><b>Unified Science</b></p> <p>Chair:</p> <p><b>Neurath's Reading of Diderot. Between Mentions, Revendications and Similar Attitudes</b></p> <p>William Agay-Beaujon</p> <p><b>What Schlick Might Have Said to Neurath</b></p> <p>Johannes Friedl</p> <p><b>Moritz Schlick's Student and the Popularization of Philosophy in the US: Dagobert Runes</b></p> <p>Christopher Green</p>	<p>Contributed Papers</p> <p><b>Cassirer's Philosophy of Mathematics</b></p> <p>Chair: Erich Reck</p> <p><b>Cassirer, Mathematics, and Intuition</b></p> <p>Christopher Spano</p> <p><b>Number as Scheme of Order. Ernst Cassirer's Philosophy of Mathematics in the context of his Philosophy of Culture</b></p> <p>Daniel Koenig</p> <p><b>Axiomatization as a Symbolic Activity: Hilbert's Program and Its Philosophical Import</b></p> <p>Benedetta Spigola</p>	
Coffee						
Parallel VI (3 talks)	<p>Contributed Papers</p> <p><b>Method in Antiquity</b></p> <p>Chair: Elaine Landry</p> <p><b>The Enquirer's Method and the "Pre-scientific Notions" on Aristotle's Posterior Analytics</b></p> <p>Mariane Oliveira</p> <p><b>Mathematical Incommensurability and Power in Plato</b></p>	<p>Contributed Papers</p> <p><b>Kant's Method</b></p> <p>Chair: Bennett McNulty</p> <p><b>Hypotheses as Particular Kind of Doxastic Attitude for Kant</b></p> <p>Lucia Oliveri; Davide Dalla Rosa</p> <p><b>Kant on the Regulative Use of the Cosmological Ideas for the Investigation of Nature</b></p>	<p>Contributed Papers</p> <p><b>Peirce and the Philosophy of Science</b></p> <p>Chair:</p> <p><b>Peirce Disappears: (Non-)Reception of Peirce as a Philosopher of Science</b></p> <p>Mousa Mohammadian</p> <p><b>Peirce on the Logic of Science – Induction and Hypothesis</b></p>	<p>Contributed Papers</p> <p><b>Scientific Philosophies</b></p> <p>Chair:</p> <p><b>Philosophizing engineers at the roots of modern philosophy of science in Poland: the case of Bronisław Biegeleisen (1881-1963)</b></p> <p>Paweł Polak</p> <p><b>Argentina, Brazil and Uruguay in the 1950s: relations</b></p>	<p>Symposium</p> <p><b>The Philosophy of Life and the Sciences</b></p> <p>Chair:</p> <p><b>Canguilhem on Science and its Place in Life</b></p> <p>Boris Demarest</p> <p><b>Max Scheler's Project of a 'Pure Biology'</b></p> <p>Andrea Mina</p>	

	<p>Yan Lu</p> <p><b>Archimedes' Centre of Gravity and Philosophy of Science</b></p> <p>Jean De Groot</p>	<p>Stephen Howard</p> <p><b>Kant's Analogical Method: From the Precritical Works to Pierre Duhem and Structural Realism</b></p> <p>Federico Dal Barco</p>	<p>Lois Rendl</p> <p><b>Why Peirce Became a Frequentist</b></p> <p>Miguel Ohnesorge</p>	<p><b>between physics and philosophy</b></p> <p>Juan A. Queijo Olano; Antonio Augusto Passos Videira</p> <p><b>Nezahat Arkun on "logical behaviourism" (1938). An early contribution to scientific psychology in Turkey</b></p> <p>Pascale Roure</p>	<p><b>Plessner's material a priori categories of life</b></p> <p>Dries Josten</p>	
Lunch						
Keynote I	<p>Chair: Georg Schiemer</p> <p>Introduction: David Marshall Miller</p> <p><b>What Kuhn Got Wrong</b></p> <p>Reviel Netz</p>					
Coffee						
Parallel VII (4 talks)	<p>Contributed Papers</p> <p><b>Cartesian Method</b></p> <p>Chair: Maarten Van Dyck</p> <p><b>Descartes on the Methods of Analysis and Synthesis</b></p> <p>Helen Hattab</p> <p><i>Res per se notae: Descartes's Theory of Definition and Arnauld's Epistemology of Fundamental Mathematical Propositions</i></p> <p>Giuseppe Pignatelli</p> <p><b>Demarcating Descartes's Geometry by Clarity and</b></p>	<p>Symposium</p> <p><b>Mary B. Hesse's Philosophy of Science and her Legacy</b></p> <p>Chair:</p> <p><b>Wittgenstein and Hesse on Metaphors and Family Resemblance</b></p> <p>David Hommen</p> <p><b>Mary Hesse to the rescue in contemporary realism debates</b></p> <p>Laura Bujalance Fernández-Quero</p> <p><b>Hesse's modified realism and</b></p>	<p>Symposium</p> <p><b>Metatheoretical Ideals in the History of Quantum Physics</b></p> <p>Chair:</p> <p><b>Metatheoretical Virtues in the Axiomatization of Physics</b></p> <p>Michael Stöltzner</p> <p><b>Heisenberg and the Incompleteness of Quantum Mechanics</b></p> <p>Elise Crull</p> <p><b>On the Notion of Categoricity in Axiomatic Approaches to</b></p>	<p>Symposium</p> <p><b>Reconsidering Styles of Scientific Reasoning</b></p> <p>Chair:</p> <p><b>Ian Hacking and the Crystalizations of the Mathematical Reasoning Style</b></p> <p>Erich Reck</p> <p><b>On the Very Notion of Styles of Scientific Reasoning</b></p> <p>Matteo Vagelli</p> <p><b>Styles in Art and Styles in Philosophy of Science Historical Confluences and Hidden Connections</b></p>	<p>Contributed Papers</p> <p><b>History of Analytic Philosophy</b></p> <p>Chair:</p> <p><b>William James, François Pillon, and Charles Renouvier on the Uncritical Assumptions of the Natural Sciences</b></p> <p>Jeremy Dunham</p> <p><b>Introspection: From Jamesian to Russellian Monism</b></p> <p>Alexander Klein</p> <p><b>Strawson and Russell on Descriptions</b></p>	

	<p><b>Distinctness</b></p> <p>Stella Moon</p> <p><b>Descartes's Geometrical Constructions in Comparative Historical Context</b></p> <p>Viktor Blåsjö</p>	<p><b>science as a process</b></p> <p>María de Paz; María J. Gutiérrez-Márquez</p> <p><b>Expanding the epistemological framework of natural science. Mary Hesse (and Thomas Kuhn) on hermeneutics, translation, and interpretation</b></p> <p>Pietro Gori</p>	<p><b>Quantum Theory</b></p> <p>Miklós Rédei</p> <p><b>Categoricity Transfer in Quantum Theory</b></p> <p>Iulian D. Toader</p>	<p>Luca Sciortino</p> <p><b>E Pluribus Unum Or Divide et Impera? Styles of (Dis)Unities of the Sciences</b></p> <p>Joseba Pascual Alba</p>	<p>Nikhil Mahant</p> <p><b>Success Semantics in the 1920s</b></p> <p>Christoph Limbeck-Lilienau</p>	
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Thursday, July 11

	Room 3D	Room 3C	Room 3B	Room 2I	Room 2H	Room 2G
Parallel VIII (3 talks)	<p>Contributed Papers</p> <p><b>Anti-Mathematicism</b></p> <p>Chair: Anat Schechtman</p> <p><b>Spinoza's Critique of Applied Analytic Geometry and the Representational Relationship Between Explanatory Tools and their Explananda</b></p> <p>William Phillips</p> <p><b>Early Eighteenth-Century Anti-Mathematicism: The Case of Robert Greene</b></p> <p>Ovidiu Babeş</p> <p><b>Berkeley on the Metaphysical Foundations of the Calculus</b></p> <p>Scott Harkema</p>	<p>Contributed Papers</p> <p><b>Carnap on Language Construction and Translation</b></p> <p>Chair:</p> <p><b>Carnap and the Indeterminacy of Translation</b></p> <p>Thomas Uebel</p> <p><b>Carnap, Esperanto, and Language Engineering</b></p> <p>Takaaki Matsui</p> <p><b>On Carnap's Language Engineering</b></p> <p>Collin Lucken</p>	<p>Contributed Papers</p> <p><b>Imagination in Science</b></p> <p>Chair:</p> <p><b>Thought Experimenting and Imagination in Neurath's Planning for Freedom</b></p> <p>Ivan F. Da Cunha</p> <p><b>Thought Experiments in Social Science: Do They Have a Life of their Own?</b></p> <p>Gabriele Fontanive</p> <p><b>Metaphorical investigations and mathematical practices: How did Hans Blumenberg read Wittgenstein's "Remarks on the Foundations of Mathematics"?</b></p> <p>Michael Friedman</p>	<p>Contributed Papers</p> <p><b>Relativity Theory and the Philosophers</b></p> <p>Chair:</p> <p><b>There is thus not a "time of the philosophers": Philosophy of time and empiricism in Bergson and Einstein</b></p> <p>C.D. McCoy</p> <p><b>Hans Reichenbach and the Theory of Relativity in France</b></p> <p>Massimo Ferrari</p> <p><b>The A Priori in Logical Empiricism</b></p> <p>Luca Oliva</p>	<p>Contributed Papers</p> <p><b>Reflecting on HOPOS</b></p> <p>Chair:</p> <p><b>What Is This Thing Called HOPOS?: Love, Marriage, and Disciplinary Fragmentation</b></p> <p>Bennett McNulty</p> <p><b>Oral HOPOS: Project Overview and Initial Results</b></p> <p>Fons Dewulf</p> <p><b>What is the History of Philosophy of Experimentation a History of? The Cases of Hugo Dingler and Gaston Bachelard</b></p> <p>Massimiliano Simons</p>	
Coffee						
Parallel IX (3 talks)	<p>Contributed Papers</p> <p><b>Responses to Newton</b></p> <p>Chair: Chris Smeenk</p> <p><b>Newton's Letters to Bentley in Context</b></p> <p>Patrick Connolly</p> <p><b>Samuel Pike's 'Philosophia Sacra' (1753): Between "Modern" Newtonianism and</b></p>	<p>Contributed Papers</p> <p><b>Neo-Kantian Themes</b></p> <p>Chair:</p> <p><b>The origins of Hermann Cohen's Principle of the Infinitesimal Method and its History</b></p> <p>Scott Edgar</p> <p><b>Natorp on Minkowski Spacetime. How an Incorrect</b></p>	<p>Symposium</p> <p><b>Bachelard, Canguilhem and Simondon on the singularity of the history of science and of technology and the relation between science and technology</b></p> <p>Chair:</p> <p><b>The intertwining of history</b></p>	<p>Contributed Papers</p> <p><b>Values in Science</b></p> <p>Chair:</p> <p><b>Alain Locke and the Brentano School</b></p> <p>Trevor Pearce</p> <p><b>The kaleidoscope of aesthetics in science: lessons from the past, thinking in the future</b></p>	<p>Contributed Papers</p> <p><b>Themes from Carnap's Philosophy</b></p> <p>Chair:</p> <p><b>Carnap on Logicism, Geometry, and Logical Interpretation</b></p> <p>Eduardo Giovannini</p> <p><b>Carnap's distinction in modes of speech and the intersubjectivity of science</b></p>	



	<p><b>“Outmoded” Biblical Physics</b></p> <p>Jan Čížek</p> <p><b>Real or Not, It Matters Not: Newton’s Gravity as Weak Emergence</b></p> <p>Ramy Amin</p>	<p><b>Interpretation May Work Well</b></p> <p>Luigi Laino</p> <p><b>Kantianism with a Human Face</b></p> <p>Michael Cuffaro</p>	<p><b>and philosophy of science in Bachelard’s epistemology</b></p> <p>Lucie Fabry</p> <p><b>The issue of the historicity of the sciences in Canguilhem</b></p> <p>Sophie Roux</p> <p><b>Simondon’s theory of “concretization” as an idealized take on technological change</b></p> <p>Ange Pottin</p>	<p>Luana Poliseli</p> <p><b>Ethics and Mathematics - Mutual Perspectives</b></p> <p>Gregor Nickel</p>	<p><b>from 1928 to 1932</b></p> <p>David Chandler</p> <p><b>Herbert G. Bohnert: The Last Carnapian</b></p> <p>Benjamin Marschall</p>	
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Lunch

Keynote II

Chair: Martin Kusch

Introduction: Francesca Biagioli

**tba**

Uljana Feest

Coffee

Parallel X (4 talks)	<p>Symposium</p> <p><b>Democritean Method(s) and the Emergence of Experimental Philosophy</b></p> <p>Chair: Sophie Roux</p> <p><b>Bacon’s Democritus: Fictional History of Philosophy in Service of the Scientific Method</b></p> <p>Dana Jalobeanu</p> <p><b>Pierre Borel and Descartes’s</b></p>	<p>Contributed Papers</p> <p><b>Early Modern Theories of Science</b></p> <p>Chair: Qiu Lin</p> <p><b>Christian Wolff as a Theorist of What Would Later Be Called the ‘Scientific Revolution’</b></p> <p>Nabeel Hamid</p> <p><b>Du Châtelet on the Construction of a New Methodology: From Leibnizian-Wolffian Principles</b></p>	<p>Symposium</p> <p><b>Countering the Narratives: Women in Logical Empiricism and Analytic Philosophy</b></p> <p>Chair:</p> <p><b>Janina Hosiasson-Lindenbaum: building an international career in scientific philosophy</b></p> <p>Marta Sznajder</p> <p><b>Rose Rand’s philosophical lifework – narrative models as</b></p>	<p>Symposium</p> <p><b>Neo-Kantians and scientific revolutions: ruptures and continuities within the neo-Kantian tradition (1860-1942)</b></p> <p>Chair:</p> <p><b>Hermann Cohen: from the psychological method to the transcendental method. The relationship between the history of philosophy and the</b></p>	<p>Symposium</p> <p><b>Formalism: historical and interpretive issues</b></p> <p>Chair:</p> <p><b>Permanence of forms: a formalist principle?</b></p> <p>Anna Bellomo</p> <p><b>Content, applications, and arithmetic as science: Frege vs. the formalists</b></p> <p>Richard Lawrence</p>	
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	<p><b>Democritean Physics</b></p> <p>Grigore Vida</p> <p><b>Cartesian Democritus: The Image of Democritus in the Works of the First Cartesians</b></p> <p>Mihnea Dobre</p> <p><b>Plantanatomia Democritea: 17th-Century Democritean Study of Plants in Context</b></p> <p>Fabrizio Baldassarri</p>	<p><b>to the Concept of Science</b></p> <p>José Antonio Gutiérrez García; Daniel Nieto Comesella</p> <p><b>Maimon as a Baconian: Induction, Empirical Objects and Natural Histories</b></p> <p>Idit Chikurel</p> <p><b>Mary Shepherd's Influence on Mary Somerville on Induction</b></p> <p>Manuel Fasko</p>	<p><b>research tools</b></p> <p>Katarina Mihaljević</p> <p><b>Life and Working Partnerships in Logical Empiricism: Anna Schapire, Olga Hahn and Ina Stöger</b></p> <p>Lucas Baccarat Silva Negrao De Campos; Günther Sandner</p> <p><b>L. Susan Stebbing: Humanism in Practice</b></p> <p>Silke Körber</p>	<p><b>history of science in the light of these two methods</b></p> <p>Corentin Fève</p> <p><b>Helmholtz's and Cassirer's structuralisms</b></p> <p>Alain Holcblat</p> <p><b>A case study in Naturalized Epistemology: Helmholtz and Poincaré's Thoughts on Geometry.</b></p> <p>Samuel Descarreaux</p> <p><b>Closed theories in physics: from Poincaré and Hilbert to Heisenberg</b></p> <p>Scott Walter</p>	<p><b>From mathematical practice to foundational reflection: The Case of Hilbert</b></p> <p>Moritz Bodner</p> <p><b>Instrumental formalism - From Hilbert's program to Carnap's Wissenschaftslogik</b></p> <p>Georg Schiemer</p>	
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## Friday, July 12

	Room 3D	Room 3C	Room 3B	Room 2I	Room 2H	Room 2G
<p>Parallel XI (3 talks)</p>	<p>Contributed Papers</p> <p><b>Making Sciences</b></p> <p>Chair: Pietro Daniel Omodeo</p> <p><b>Kepler's Geometrical Music Theory: Motivations and Significance</b></p> <p>Domenica Romagni</p> <p><b>Statistics in the Eighteenth Century: Tool of Government to Scientific Instrument? The Case of Demography in Buffon's Natural History</b></p> <p>Dinh-Vinh Colombari</p>	<p>Symposium</p> <p><b>Analogical and Inductive Reasoning in History and Philosophy of Science: Maxwell, Hesse, Carnap</b></p> <p>Chair:</p> <p><b>Inductive Logic and Analogies: A History</b></p> <p>Benjamin Santos Genta</p> <p><b>James Clerk Maxwell on Analogy: A Philosophical History</b></p>	<p>Contributed Papers</p> <p><b>Platonism in Physics</b></p> <p>Chair:</p> <p><b>Pauli on Plato</b></p> <p>Noah Stemeroff</p> <p><b>The question of Platonism in the work of Alexandre Koyré</b></p> <p>Maarten Van Dyck</p> <p><b>Philosophy and the Historiography of the Scientific Revolution: Revisiting the Burt-Strong Debate</b></p>	<p>Contributed Papers</p> <p><b>Cybernetics</b></p> <p>Chair:</p> <p><b>The Forming of Information Worldview and Its Value Dilemma</b></p> <p>Guihong Zhang</p> <p><b>Applying cybernetics to the study of living organisms: the case study of Henri Laborit</b></p> <p>Caroline Angleraux</p> <p><b>When the fire (re)start to burn</b></p>	<p>Contributed Papers</p> <p><b>Philosophy of Mind and Cognitive Science</b></p> <p>Chair:</p> <p><b>Emergent causal efficacy: from the British Emergentists to the contemporary debate</b></p> <p>Erica Onnis</p> <p><b>An Untimely Meditation: F.A. Hayek and the Study of the Mind from the "Beiträge zur Theorie der Entwicklung des Bewußtseins" to The Sensory Order</b></p>	

	<p><b>Revisiting the Chemical Revolution (Again): Good Reasons and Real Questions</b></p> <p>Pieter Beck</p>	<p>Mauricio Suárez</p> <p><b>Reasoning at the fringe of meaning: Mary Hesse, analogies, and the dynamics of unframed enquiry</b></p> <p>Helene Scott-Fordsmand</p>	<p>Konstantinos Chatzigeorgiou</p>	<p><b>: Back to the Piaget/Chomsky debate, Royaumont 1975</b></p> <p>Nicolas Millot; Florian Moullard</p>	<p>Ohad Reiss-Sorokin</p> <p><b>Neuroconnectionism Before It Was Cool: On the Overlooked Moments in the History of Neural Networks</b></p> <p>Vanja Subotić</p>	
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Coffee

<p>Parallel XII (3 talks)</p>	<p>Contributed Papers</p> <p><b>Anatomy and Medicine</b></p> <p>Chair: Fabrizio Baldassarri</p> <p><b>An Analysis of Akkadian Diagnosis</b></p> <p>Cristina Barés Gómez; Matthieu Fontaine</p> <p><b>The Iconography of the Animal Machine: A Cartesian Atlas</b></p> <p>Mattia Mantovani</p> <p><b>Medicine as Proper Science in the Eighteenth Century</b></p> <p>Boris Demarest; Hein Van Den Berg</p>	<p>Symposium</p> <p><b>Philosophical Mechanics in the Age of Reason</b></p> <p>Chair:</p> <p><b>Du Châtelet's Evidence for Simple Substances</b></p> <p>Aaron Wells</p> <p><b>Choosing the Simpler Problem Proves to be a Difficult Problem</b></p> <p>Monica Solomon</p> <p><b>The Problem of Matter in the Nineteenth Century</b></p> <p>Marij Van Strien</p>	<p>Contributed Papers</p> <p><b>Logic and Mathematics</b></p> <p>Chair:</p> <p><b>Breaking Benacerraf</b></p> <p>Elaine Landry</p> <p><b>The Ancient Problem of False Judgement, its Appearance in Early Intuitionist Philosophy of Mathematics, and its Solution in the Brouwer-Heyting-Kolmogorov Interpretation of the Logical Constants</b></p> <p>Nils Kürbis</p> <p><b>Mal'tsev's early model-theoretic work</b></p> <p>Davide Rizza</p>	<p>Contributed Papers</p> <p><b>Pragmatist Themes</b></p> <p>Chair:</p> <p><b>John Dewey on the Source of the Epistemic Value of Scientific Kinds</b></p> <p>Antonio Rodríguez Puente</p> <p><b>A Comparison of John Dewey and Joseph Rouse</b></p> <p>Juho Lindholm</p> <p><b>Radical Empiricism Repeatedly Misunderstood</b></p> <p>Gui Sanches De Oliveira</p>	<p>Symposium</p> <p><b>Reassessing the Nature—Society Nexus: Perspectives on Political Epistemologies 1930s-1970s</b></p> <p>Chair</p> <p><b>Horkheimer's and Borkenau's Histories of Philosophies of Science (1930-1934)</b></p> <p>Rodolfo Garau</p> <p><b>Historical and Political Perspectives on Science in the Leftist 1970s: A Reappraisal</b></p> <p>Pietro Daniel Omodeo</p> <p><b>Reflection on Science and Society at the Starnberg Max Planck Institute (1970-1980): A Forgotten Starting Point for Political Epistemology</b></p> <p>Matthias Schemmel</p>	
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Lunch

<p>Parallel XIII (4 talks)</p>	<p>Symposium</p> <p><b>Matter, Light and the Intelligibility of Nature (1657-1755)</b></p> <p>Chair: Mattia Mantovani</p> <p><b>Immaterial Extension, Light and Geometry: Marin Cureau de La Chambre against the Cartesians</b></p> <p>Simone Guidi</p> <p><b>Optics, Cosmology, and the Scope of Teleological Explanations: Maupertuis's Principle of Least Action Reconsidered</b></p> <p>Marco Storni</p> <p><b>Density of Matter and Excellence of Spirit: The Astronomical Roots of 1755 Kantian Psychology</b></p> <p>Simone Guidi; Marco Costantini</p> <p><b>Leibniz on the Relationship Between Light and Substantiality</b></p> <p>Miriam Aiello</p>	<p>Symposium</p> <p><b>John Dewey's Philosophy of Science</b></p> <p>Chair:</p> <p><b>The Sources of John Dewey's Understanding of Science</b></p> <p>Matthew Brown</p> <p><b>John Dewey on Generality</b></p> <p>Céline Henne</p> <p><b>Dewey on Induction</b></p> <p>Roberto Gronda</p> <p><b>Was Dewey Scientific?</b></p> <p>Parysa Mostajir</p>	<p>Contributed Papers</p> <p><b>Philosophy of Mathematical Practice</b></p> <p>Chair:</p> <p><b>Frege's early notion of function</b></p> <p>Joan Bertran-San-Millán</p> <p><b>An early debate about discovery and justification in mathematics: Klein and Pasch on intuition and proofs</b></p> <p>Dirk Schlimm</p> <p><b>Von Neumann's Lost Argument for the 2nd Incompleteness Theorem</b></p> <p>Giambattista Formica</p> <p><b>Hintikka on Kant's Mathematical Intuition and its relevance for Diagrammatic Inferences in the 19th Century</b></p> <p>Samuel Descarreaux</p>	<p>Symposium</p> <p><b>From Empirio-criticism to Logical Empiricism: Reconsidering the Impact of Ernst Mach and Richard Avenarius on Austro-German Philosophy in the early 20th century</b></p> <p>Ernst Mach's Principle of Economy</p> <p>Philipp Leon Bauer</p> <p><b>Different kinds of Naturalism: Continuities and discontinuities between Otto Neurath and Richard Avenarius</b></p> <p>Lucas Baccarat Silva Negrao De Campos</p> <p><b>The Philosophy of Joseph Petzoldt</b></p> <p>Chiara Russo Krauss</p> <p><b>The Blooming Landscapes of Logic: Heinrich Gomperz as an intermediary between empirio-criticism and logical empiricism</b></p> <p>Bastian Stoppelkamp</p>	<p>Contributed Papers</p> <p><b>Science and Society</b></p> <p>Chair:</p> <p><b>Hans Reichenbach, Helmuth Plessner and the Scientifically Informed Philosophy in the Weimar Republic</b></p> <p>Nikolay Milkov</p> <p><b>The Urgent Social Task of Hans Reichenbach's Natural Philosophy circa 1930</b></p> <p>Alan Richardson</p> <p><b>The Scientific Worldview as Synthetic Technique: Philipp Frank on the Precedents and Rivals of Logical Empiricist Unified Science</b></p> <p>Bianca Crewe</p> <p><b>The Epistemological and the Sociological Goals of History of Science in Philipp Frank's Philosophy</b></p> <p>Rodrigo Nascimento</p>	
Coffee						
<p>Parallel XIV (2 talks)</p>	<p>Contributed Papers</p> <p><b>French Mathematical Philosophy</b></p> <p>Chair:</p>	<p>Contributed Papers</p> <p><b>Geometry and Nature</b></p> <p>Chair:</p> <p><b>Husserl among the Geometers:</b></p>	<p>Contributed Papers</p> <p><b>Error Distribution</b></p> <p>Chair:</p>	<p>Contributed Papers</p> <p><b>Edgar Zilsel's philosophy of science in context(s)</b></p> <p>Chair:</p>	<p>Contributed Papers</p> <p><b>Perspectives on Logic</b></p> <p><b>Radicalising the predicate: Can modern logic have a social</b></p>	

	<p><b>Historicity of Mathematics and Historicization of Mathematical Intuition in Jean Cavailles' Thought</b></p> <p>Andrea Ariotto</p> <p><b>French Mathematical Philosophy: Albert Lautman's Platonic Dialectic of the Concept</b></p> <p>Marjolein Holvoet</p>	<p><b>Transcendental Phenomenology Meets Artisanal Epistemology</b></p> <p>Gerhard Wiesenfeldt</p> <p><b>Fractals, Isomorphisms, Events, Methodology</b></p> <p>Timur Uçan</p>	<p><b>John Herschel's "Physical Astronomy" and the Method of Residual Phenomena</b></p> <p>Teru Miyake</p> <p><b>Analogical Reasoning in James Clerk Maxwell: A Philosophical History</b></p> <p>Mauricio Suárez</p>	<p><b>Edgar Zilsel in the Vienna Circle's protocol-sentence debate</b></p> <p>Robert Frühstückl</p> <p><b>Zilsel's politically engaged philosophy of science</b></p> <p>Donata Romizi</p>	<p><b>history, and is it worth trying?</b></p> <p>Gordon McQuat</p> <p><b>Opposing methodologies in deontic logic, a historical perspective</b></p> <p>Perceval Pillon</p>	
Banquet						