



## Presentation Dates and Times

SESSION TYPE	ONLINE/ IN PERSON/ HYBRID	ORGANIZER NAME	SESSION TITLE	SPEAKER 1	TITLE 1	SPEAKER 2	TITLE 2	SPEAKER 3	TITLE 3	SPEAKER 4	TITLE 4	SPEAKER 5	TITLE 5	DOUBLE (Y/N)
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Monday July 10 9:00AM - 10:30AM

Traditional organized	Hybrid	Stephanie Lloyd & Denielle Elliott	The perceptible and imperceptible in altered neuro states	Megh Marathe, Michigan State University	Invisibility, inequality, and expertise in epilepsy diagnosis	Anne Stenning, University of Leeds	Autobiographical constructions of 'modified neuro-states' and their relationships to practical identity	Chani Bonventre & Stephanie Lloyd, Laval U	(In)visible sensory processes: 'unexplained variability' in research on cochlear implants					N
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Traditional organized	In person	Charles Pence	New perspectives on the origins of genetics	Charles H. Pence, Université catholique de Louvain	Mind the Gap: "Minor" Figures, "Difficult" Papers and Disappearing "Revolutions"	Gregory Radick, University of Leeds	Why the Bateson-Weldon Debate over Mendelism Matters, Then and Now	Yafeng Shan, Hong Kong University of Science and Technology	The Web of Scientific Development: the Origins of Genetics					N
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Traditional organized	In person	Thomas Bonnin	Shesvie meets ISHPSSB I	Pierre-Olivier Méthot, Université Laval	Beyond 'What is Psychology?': Rethinking Canguilhem's relation to psychology	Marianne Guyard, U of Laval	Jean Rostand (1894-1977) and the aims of the history of science	Florian Moullard, Université Bordeaux-Montaigne & Université Paris 1 Panthéon-Sorbonne	Before enactivism: understanding the agency of the organisms in interwar German neurology (Goldstein, Weizsäcker, Straus)					Y
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Diverse format	hybrid	Hanna Lucia Worliczek	In search of biomedical validity: towards a cross-disciplinary history of validation practices I	Simon Brausch, Max Planck Institute for the History of Science (Berlin)		Sam Ducourant, École Normale Supérieure (Paris) & Max Planck Institute for the History of Science (Berlin)		Alfred Freeborn, Max Planck Institute for the History of Science (Berlin)		Hanna Lucia Worliczek, Max Planck Institute for the History of Science (Berlin)				Y
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Diverse format	hybrid	Jorge Piaia Mendonca Junior	Keeping kinship in mind	Jorge Piaia Mendonca Junior, The University of Western Australia	Altruism and kinship in anthropology	Lucia Carvalho Neco, The University of Western Australia	Kinship within a new naturalistic framework to study social systems	Alberto Guerrero-Velazquez, The University of Western Australia	Thinking together: Exploring the role of kinship in the emergence of complex forms of memory.	Robert A. Wilson, The University of Western Australia	Kinship: Progeneration, race, and nation	N
Individual paper session	Hybrid		Extended evolutionary synthesis	Fernanda Arcanjo, Universidade de São Paulo	Heterochrony and the changing perspective on the relationship between ontogeny and phylogeny (1875-1977)	Andrea Olmo Viola, La Sapienza Università degli studi di Roma	The never-ending evolutionary loop	Luigi Garaffa, University of Padua	Plasticity led (not first) evolution. An epistemological evaluation			
Individual paper session	Hybrid		Species	Sandy Boucher, University of New England	Epistemic stances and biological kinds	Daniel Swaim, Florida State University	When species concepts don't matter (in paleobiology)	John Wilkins, University of Melbourne	The concept problem in the historiography of science			
Individual paper session	In person		Representations and metaphors	Mark Povich (and Daniel Burnston), University of Rochester	A fully inferentialist account of scientific representation	Angella Yamamoto, University of Waterloo	Operationalization of scientific realism/anti-realism accounts for semi-structured interviews	Colin S Maxwell, Independent scholar	Information as metric, metaphor, and mischief in biology: How the assumption of essence frustrates the study of bet hedging and of plasticity more broadly			

Individual  
paper session    In person

Science and its  
publics

Erela Ben-  
Shachar, Open  
University Israel

The vitamins  
that boosted  
women's  
freedom:  
nutrition,  
gender,  
immigration and  
nation-building

Tatjana Buklijas,  
University of  
Auckland

Participation:  
From democratic  
politics to  
clinical trials

Bennett Knox,  
University of  
Utah

Moral  
imagination and  
psychiatric  
genetics: The  
case of spectrum  
10K

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Monday July 10 11:00AM - 12:30PM

Traditional organized	Hybrid	François Papale	Challenging the centrality of lineage formation in the context of Darwinian evolution I	Ford W. Doolittle, Department of Biochemistry and Molecular Biology and Department of Philosophy; Dalhousie University	Legitimizing Gaia	Javier Suárez, Department of Philosophy, University of Oviedo; Department of Philosophy of the Natural Sciences, Jagiellonian University	Lineage eliminativism vindicated	Adrian Stencel, Jagiellonian University	Inheritance without lineages – reconstitution as a hereditary process					Y
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Traditional organized	In person	Marina DiMarco	Biological sex: Explanans and explananda	Kyra Hoerr, University of Pittsburgh	Yo Kaname Okada and the Developmental Approach to Sex	Marina DiMarco, University of Pittsburgh	Making a 'sex-difference fact': Ambien dosing at the interface of policy, regulation, women's health, and biology	Aja Watkins, Boston University	Sex Eliminativism					N
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Traditional organized	In person	Andra Meneganzin	Carving the human at its joints: Character individuation in hominin evolution	Andra Meneganzin (with Grant Ramsey, James DiFrisco) Institute of Philosophy KU Leuven	What is a "chin"?	Julia Galway-Witham, Center for the Study of Human Origins, Department of Anthropology, New York University; New York Consortium in Evolutionary Primatology	Phenotypic integration, modularity, and the confounding role of fragmentary fossils in hominin phylogenetic inference	Ross Pain, Australian National University	Mapping artefact morphology to cognitive traits					N
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Traditional organized	Hybrid	Thomas Bonnin	Shesvie meets ISHPSSB II	Marion Thomas, University of Strasbourg	Chimpanzees as "resisters" or "collaborators": animal agency in biomedical and psychological experiments at the Pasteur Institute in Paris (1903-1930)	Claire Grino, Institut des Études Genre. Université de Genève	Oocyte cryopreservation: a new regime of reproductive time beyond the latent life of vitrified oocytes?	Christelle Montjean, Université Paris 1 Panthéon-Sorbonne	"The tree of life", or representation beyond structural realism
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Diverse format	hybrid	Christophe Malaterre	Astrobiology science studies I	Mark A. Bedau, Reed College	The Meta-Question about Life	Carol Cleland, University of Colorado Boulder	Moving beyond definitions in the search for extraterrestrial life	Milan M. Cirkovic, Astronomical Observatory of Belgrade	The Rare Earth hypothesis: In memoriam	Margarida Hermida, University of Bristol	Alien trees: Universal natural kinds in astrobology	Cyrille Jeancolas, Durham University, Catherine Gillen*, Durham University, Sean McMahon*, University of Edinburgh, Martin Ward*, Durham University, Peter Vickers*, Durham University,	Breakthrough results in astrobology: Is high risk research needed?	y
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Diverse format	hybrid	Hanna Lucia Worliczek	In search of biomedical validity: towards a cross-disciplinary history of validation practices II	Ariane Hanemaayer, Brandon University (Manitoba) & Max Planck Institute for the History of Science (Berlin)		Lara Keuck, Bielefeld University & Max Planck Institute for the History of Science (Berlin)		Michele Luchetti, Max Planck Institute for the History of Science (Berlin)						
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Diverse format	hybrid	Pnina Abir-Am	Nancy Gutman Slack (1930-2022): Botanist, hiker, teacher, historian	Lee B. Kass, Cornell University	Nancy as a botany student at Cornell in the 1950s	Marilyn Bailey Ogilvie, University of Oklahoma	Nancy as a fellow historian AND FAMILY PERSON IN the early days of the history of women in science	Betty Smocovitis/ University of Florida-Gainesville	Nancy as historian of botanical schools	Don Opitz, DePaul University	Nancy as mentor and resource in the history of horticulture	Janet Browne, Harvard University	From biogeography to biography: our N parallel trajectories
				Speaker 6: Ann B. Shteir, York University	Flora Feministica: Nancy Slack and botanical history	Speaker 7: Pnina G. Abir-Am/ Brandeis University	Stages in Nancy's evolution as a historian of collaborative couples: 1987, 1996, 2013; Nancy as the savior co-editor of Creative Couples in the Sciences. (Rutgers University Press, 1996)						

Individual paper session	Hybrid		Neural processes in animals and humans	Nedah Nemati, Columbia University	A historical examination of insect sleep: Comparing ethological and neurobiological traditions	Ken Aizawa, Rutgers University Newark	The Hodgkin-Huxley-Katz arguments for the sodium hypothesis	Oryan Zacks, Tel Aviv University	Challenging the centrality of the neocortex in animal consciousness studies				
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Individual paper session	Hybrid		Organism-environment relations	Eduardo Ferreriz, National Autonomous University of Mexico	On the necessity of fracturing the nature/nurture dichotomy	Andrea Hiott, Universitaet Heidelberg	Cognitive symbiology: the development of cognition as nested waymaking	Miguel A Sepulveda Pedro, National Autonomous University of Mexico	Mexican Chinampas: From phenomenology to socioecological systems				
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Monday July 10 2:30PM - 4:00PM

Traditional organized	Hybrid	François Papale	Challenging the centrality of lineage formation in the context of Darwinian evolution II	Louis-Patrick Haraoui, Department of Microbiology and Infectious Diseases, Faculty of Medicine and Health Sciences, University of Sherbrooke	We have never been hosts: multicellular eukaryotes as microbial niches	Joan Roughgarden, Hawaii Institute of Marine Biology, University of Hawaii and Department of Biology, Stanford University	Collective inheritance	François Papale, Faculty of Philosophy, Université Laval; Department of Microbiology and infectious diseases, Université de Sherbrooke	Revisiting the Darwinian Threshold in Origin of Life Scenarios: Niche construction as a driver for evolution by natural selection without reproduction					
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Traditional organized	Hybrid	Bartłomiej Swiatczak	Philosophy of immunology	Sophie Juliane Veigl. University of Vienna. Co-authored and co-presented with Tamar Schneider, The Open University of Israel	A Dangerous Self: the story of an epistemic novelty	Martin Zach, Czech Academy of Sciences, Prague. Co-authored and co-presented by Gregor Paul Greslehner, University of Vienna	Let's talk about immunology: the intricacies of metaphorical language	Bartłomiej Swiatczak	Immune individuality in pregnancy					N
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Traditional organized	In person	Francesca Merlin	Assessing the potential of the exposome as a central notion for contemporary epidemiology	Thomas Bonnin, Institut d'Histoire et de Philosophie des Sciences et Techniques (CNRS, Université Paris 1 Panthéon-Sorbonne)	Explanatory integration in disease explanation: mixed mechanisms for the exposome	Elodie Giroux, Université Jean Moulin Lyon 3	Narratives in exposomics: A reverse epistemic determinism?	Stefano Canali, Politecnico di Milano	Situating the exposome within integrative approaches for epidemiology					N
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Traditional organized	In person	Abigail Nieves Delgado	Genopolitics, non-Western microbes and families: Racialized environments, past and present	Shahin Nazar Kermanshahi, Utrecht University	A Gene is Worth a Thousand Words: Genes and Environmentalism in Far-Right Conspiracy Communities	Abigail Nieves Delgado, Utrecht University	The west and the rest. The production of the “non-Western” in human microbiome research	Tracy Teslow, University of Cincinnati	Heredity, environment and families: race and science in American adoption	N
Traditional organized	In person	Antonine Nicoglou & Caroline Angleraux	Origins and challenges of animal experimentation in biopsychiatry	Antonine Nicoglou, University of Tours	Animal studies in the early days of psychopharmacology, from the 1950s	Caroline Angleraux, Inserm, University of Tours	What is Laborit’s theoretical approach for studying living beings?	Steeves Demazeux, University of Bordeaux Montaigne	The anxious animals that we are	N
Traditional organized	In person	Max Dresow	Tempos and modes in evolution: historical perspectives and present controversies	Scott Lidgard, Field Museum		Max Dresow, University of Minnesota		Beckett Sterner, Arizona State University		N
Traditional organized	In person	Jordan Mursinna & Polly Winsor	The Resilience of the Genus	Jordan Thomas Mursinna, University of California, Berkeley	The Role of Genera in the Decline of Artificial Systematics, 1803-1815	Polly Winsor, University of Toronto	Some genera dear to Darwin	Aleta Quinn, University of Idaho	The genealogical turn at the Smithsonian, 1872-1895	N

Traditional organized	In person	Nicola Bertoldi	Uses and misuses of analogies in the life and environmental sciences	Nicola Bertoldi, Louvain Research Institute for Landscape, Architecture, Built Environment (LAB), Centre de Philosophie des Sciences et Sociétés (CEFISES) - Université Catholique de Louvain, Louvain-la-Neuve; Daniela Perrotti, UCLouvain; Elisabetta Rosa, UCLouvain	Assessing the concept of “urban metabolism” in an epistemological and interdisciplinary perspective: from analogy to generalization?	Solange Haas. IHPST (Institut d’Histoire et de Philosophie des Sciences et Techniques) - Université Paris 1 Panthéon-Sorbonne, Paris, France CEFÉ (Centre d’Ecologie Fonctionnelle et Evolutive) - Montpellier, France	Loss of explanatory power and analogy in big data approaches in ecologybig data - ecology - analogy - prediction - explanation	Artemis Korniliou, IHPST (Institut d’Histoire et de Philosophie des Sciences et Techniques) - Université Paris 1 Panthéon-Sorbonne, Paris, France	An analogy through an analytical approach and a discussion on the role of explanatory models.						N	
Diverse format	hybrid	Christophe Malaterre	Astrobiology science studies II	Octavio A. Chon-Torres, Universidad de Lima	Astrobioethic problems arising from astrobiological research	Carlos Mariscal, University of Nevada Reno	Philosophical issues in the ends of life	Chelsea Haramia, Spring Hill College & University of Bonn	Rejecting the causal impotence defense of intentional astrobiological signaling	Christophe Malaterre, Université du Québec à Montréal, ; Francis Lareau*, Université du Québec à Montréal	The emergence of astrobiology: A text-mining perspective onto the creation of a novel discipline	Julie Tremble, Video artist	Abiogenesis: An artist view on astrobiology			
Diverse format	In person	Derek Skillings	New old directions for the philosophy of biology	Rose Novick, University of Washington	Zhuang Zhou among the biologists	Derek Skillings, University of North Carolina at Greensboro	Nagarjuna and the emptiness of species	Tyler Brunet, University of Exeter	Comment							N

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Tuesday July 11 9:00AM - 10:30AM														
Traditional organized	Hybrid	Christopher Stephens	Elliott Sober's philosophy of biology I	Hayley Clatterbuck & Katie Deaven, University of Wisconsin-Madison	Evolvability as a force	Marc Ereshefsky, University of Calgary	Sober reflections on science and values	Matthew J. Barker, Concordia University	Science and values for sober likelihoodists					Y
Traditional organized	Hybrid	Alison McConwell	Societal values, politics & life's history I	Hannah Allen, University of Utah	Race and pharmacogenetics: A historical reckoning	Mathilde Lequin, CNRS/University of Bordeaux	How to name and rank the human lineage? Defining taxa above the species level	Janella Baxter, Sam Houston State University	Rethinking "deviant" genetic codes in the wake of the endosymbiosis revolution?					Y
Traditional organized	Hybrid	Bendik Hellem Aaby & Jan Baedke	The forgotten kingdom: Lessons from the history and philosophy of plant biology I	Jan Baedke, Ruhr University Bochum	From Kant to Plant: Emil Ungerer's work on teleology and plant physiology in early 20th century	Bendik Aaby, KU Leuven	Conceptual issues surrounding plant behavior	Sonia Sultan, Wesleyan University	Plant plasticity as behavior					Y
Traditional organized	In person	Hugh Desmond	Agency and Darwinism I	Thomas Reydon, Leibniz University Hannover, reydon@ww.uni-hannover.de	Agency and Darwinism: Clarifying the problem space	Azita Chellappoo, Faculty of Arts & Social Sciences, Open University	Agency in cultural evolution	Agathe du Crest, Institute for the History and Philosophy of Science and Technology, CNRS/Paris I	Adapted minds or adapting minds: Agency and variation in evolutionary psychology					Y
Traditional organized	In person	Stefan Linquist	Gene editing as a techno-solution for animal suffering I	Katherine E. Koralesky, University of British Columbia	Frequently asked questions about genetic engineering in farm animals	Adam Shriver, Drake University	The naturalness of pain	Shereen Chang, University of Guelph	Ethics, fairness, and perception of gene-editing in agricultural animals					Y

Traditional organized	In person	Karl Matlin	The term “cell” is not a biological misnomer: Context, topology, and modes of explanation in old and new cell theory	Daniel Liu, Ludwig Maximilian University of Munich	When cell theory met organic chemistry: Schleiden vs. Mohl on chemistry and botanical methodology, 1837–1844	Karl Matlin/Sara Green, University of Chicago and Marine Biological Laboratory, Woods Hole/University of Copenhagen	Constraint-based explanations and cell biology	Andrew Reynolds, Cape Breton University	Beyond the code: Exploring the landscape of chromatin-based accounts of genome regulation	N
Individual paper session	Hybrid		Biochemistry: concepts, approaches, problems	Fernando Bilbao, Independent scholar	The protein folding problem	Francesca Bellazzi, University of Bristol	In-between structure and history: Biochemical kinds	Ulrich Stegmann, University of Aberdeen	Structural uniqueness is a form of biological specificity	
Individual paper session	Hybrid		Normativity and morality in evolution	Michael Stingl, University of Lethbridge	All things rude and nasty, all evil great and small: Morality in the grand biological scheme of things	Claudio Davini, University of Pisa	Pathological states and non-evaluative facts. Why the normative claim of selected effects theory is not trustworthy			
Individual paper session	In person		Ontologies of biological individuality	Pierrick Bourrat, Macquarie University	Individuality and coarse-graining	Zachary Peck, University of Cincinnati	On the metaphysics of holobiotic individuality	Cruz Davis, University of Massachusetts at Amherst	Biological individuality & the withering line between epistemic and metaphysical investigation	
Individual paper session	In person		Philosophy of cognitive science	Paola Hernandez-Chavez (and Jonatan Garcia-Campos), University of Durango (Mexico)	What makes cooperation to collapse? An experimental validation response	Can Du, University of Sheffield	Illusionism and 'indubitable problem'	Arnon Levy, The Hebrew University of Jerusalem	Approximating Bayes? On The role of approximations in Bayesian cognitive neuroscience	

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**Tuesday July 11 11:00AM - 12:30PM**

Traditional organized	Hybrid	Christopher Stephens	Elliott Sober's philosophy of biology II	André Ariew, University of Missouri	Revisiting Sober's population thinking	Brian McLoone, Department of Philosophy, Portland State University	Equilibrium and optimality reasoning in biology and economics	Angela Potochnik, University of Cincinnati	Equilibrium explanations are causal					
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Traditional organized	Hybrid	Andrew Bollhagen	Proteins in motion: Theory and experiment in the study of protein dynamics	Jacob Neal Rotman Institute of Philosophy, Western University	Theory vs. Experiment: Explaining the shift from Static to Dynamic View of Proteins	Andrew Bollhagen/Alok Srivastava University of California, San Diego, Independent Scholar	Expanding on "Experimental Dead-Space"	William Bechtel University of California, San Diego	Power Strokes vs. Ratchets: Competing proposed mechanisms					N
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Traditional organized	Hybrid	Alison McConwell	Societal values, politics & life's history II	Sarah Qidwai, University of Regensburg	Influenced by the East and publishing in the West: An examination of Asia's influence in the life and works of T.H Huxley, A R Wallace, and E Haeckel	Jennifer P Daly. Stanford University	"Manifestations of the cosmic energy": Romantic transformism and Thomas Henry Huxley's progressive and retrogressive cosmic evolutionary process	Alison K McConwell. University of Massachusetts, Lowell	Critical notice: Progress, perfection, & the alleged value neutrality of Julian Huxley's 1912 the individual in the animal kingdom					
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Traditional organized	Hybrid	Bendik Hellem Aaby & Jan Baedke	The forgotten kingdom: Lessons from the history and philosophy of plant biology II	Caterina Schürch, Ludwig Maximilian University of Munich	Outgrowing experimental physics: Plant physiological expertise in the late 18th and early 19th centuries	Özlem Yilmaz, Stockholm, Sweden	Agnes Arber's interpretation of plant morphology	Jalal Soltani, Bu-Ali Sina University, Iran	Implications of plant holobiont for plant health management					
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Traditional organized	In person	Hugh Desmond	Agency and Darwinism II	Subrena E. Smith, Department of Philosophy, University of New Hampshire	What do we want from nature for human nature?	Richard Prum, Dept of Ecology and Evolutionary Biology, Yale University	Aesthetic agency in mate choice and sexual coercion	Hugh Desmond, Institute of Philosophy, Leibniz University Hannover	Beauty or noise? Agency and the limits of Darwinism		
Traditional organized	In person	Stefan Linquist	Gene editing as a techno-solution for animal suffering II	Christopher H. Lean. University of Sydney	Engineered ecocide is morally wrong	Stefan Linquist, University of Guelph		Bob Fischer, Texas State University	Gene-editing despite (and because of) high uncertainty.		
Traditional organized	In person	Alan Love	New perspectives on biological function: Interdisciplinary issues and implications I	Alvaro Moreno, Donostia International Physics Center, San Sebastian (Spain)	Are cognitive functions different from biological functions?	Alan Love, University of Minnesota	Function, traits, and the physics of animal movement	Emilie Snell-Rood, University of Minnesota	The concept of function as a bridge between biology and bio-inspired design	Y	
Diverse format	hybrid	Vivette Garcia-Deister	ISH-y journals: Meet the editors	Sabina Leonelli, University of Exeter		James Griesemer, UC Davis		Angela Potochnik, U of Cincinnati	Alan Love, U of Minnesota	Margaret Farell, UC Irvine	N
Diverse format	Hybrid	Cecilia Bognon-Küss	Reappraising Claude Bernard's legacy	Hans-Jorg Rheinberger, Max Planck Institute for the History of Science, Berlin	Claude Bernard and Life in the laboratory	Ghyslain Bolduc with Caroline Angleraux, Labex Who am I? (Paris, France), IHPST and CIRST (Montreal, Canada), Edouard-Montpetit College (Longueuil, Canada)	Claude Bernard's non reception of Darwinism	Cecilia Bognon-Küss, Université Paris Cité	Comment	N	

Individual paper session	In person	Causation, explanations & paradigms in molecular biology	Matthew Maxwell, University of Wisconsin at Madison	Prospects for a counterfactual account of junk DNA	Veli-Pekka Parkkinen, University of Bergen	Gene interaction and modularity of genetic causation	Kulyash Zhumadilova, Virginia Tech	Bringing the "structure" to biology. Molecular biology as a paradigm
Individual paper session	In person	Organization and individuality from bacteria to biosphere	Clifford Clemmote, University of Cincinnati	Bacterial ontology and the species individuality thesis	Banin Diar Sukmono, University of Kansas	Is the biosphere an evolutionary individual?	Campbell Rider, University of Sydney	Closure of constraints as a species of theoretical model

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Tuesday July 11 2:30PM - 4:00PM

Traditional organized	In person	Federica Bocchi	Making data communities	Federica Bocchi, Boston University	Turning biodiversity data into evidence: Data communities and the red list of threatened species	Emma Cavazzoni, University of Exeter	Data communities from shared technologies: bringing drones into field research	Paola Castaño, University of Exeter	What is an institutionalized community of data users? NASA's GeneLab and the analysis working groups					N
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Traditional organized	In person	Alan Love	New perspectives on biological function: Interdisciplinary issues and implications II	Ingo Brigandt, University of Alberta	Neo-Aristotelian essentialism, disability, and human diversity	Justin Garson, Hunter College	Madness-as-dysfunction and the authority of psychiatry	Anne Sophie Meincke, University of Vienna	Biological indeterminism and the function(s) of natural freedom					
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Traditional organized	In person	Carla Fehr	Relationships among human and nonhuman animals: Research methods, gender, culture	Letitia Meynell, Dalhousie University	Theorizing Species Inclusive Gender	Hannah Anderson, University of Waterloo	Save for the thudding of my heart: Field methods, relationality, Jane, and the chimpanzees of Gombe	Carla Fehr, University of Waterloo	Ethical and methodological benefits of love in canine cognition research					N
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Individual paper session	Hybrid		Developmental evolution & humans	Jorge Lizarzaburu, Southwestern University	An extended evolutionary account of human nature	Ivan Gonzalez-Cabrera, University of Bern; University of Konstanz	Developmental niche construction and the evolution of human shared intentionality	Christopher Joseph An, University of Edinburgh	Sketch of an evolutionary developmental psychology of normative guidance: A gradualist proposal					
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Individual paper session	Hybrid	Ecology and conservation	Judy Johns Schloegel, Independent scholar	Instituting biology in the Great Lakes: Scientific survey work, early resource management, and the rise of ecological thinking, 1891-1903	Joeri Witteveen, University of Copenhagen	Greening the Red List: On objectivity, precaution, and impact in species conservation	Rosine Kelz & Tina Heger, University of Bremen	„Novel Natures?“ biotechnologies and nature conservation
Individual paper session	Hybrid	Methods in history and philosophy of biology	Katie Plaisance (and Sara Doody), University of Waterloo	What makes collaborations between philosophers and scientists work?	Wiktor Rorot (& Marcin Milkowski), Polish Academy of Sciences & University of Warsaw	Distributional semantics in digital philosophy of science: Methodological sketch and a case study	Henry-James Meiring, University of Queensland	Reading Darwin's Cartesian archive
Individual paper session	hybrid	Teleology and agency I	Louis Virenque, CNRS, Université Paris 1	Autonomous perspective and agential evolutionary perspective : Exploring the conceptual connections	Fulda Fermin, University of Toronto	Naturalizing agency: An emergentist strategy	Daniel Ochoa-Gutiérrez, National Autonomous University of Mexico	Between life and non-life: New materialisms on the autopoiesis of living matter
Individual paper session	In person	Bias and epistemic injustice	Pnina Geraldine Abir-Am, Brandeis University	Gender, race, and recognition in the discovery of RNA splicing: How to restore epistemic justice at the upcoming 30th anniversary of its Nobel Prize	Derek Andrews, Dalhousie University	Reductionist explanation, psychiatric disorders, and health care policy	Robert Robinson, Georgia State University	Voice recognition software: Equality of opportunity in healthcare

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Individual paper session	In person	Colonial classifications and cultures of scientific inquiry	Eleonore Setz, State University of Campinas	Traveling naturalists from the period of Brazilian independence: Contributions to the zoology of the new country	Francisco Vergara-Silva, National Autonomous University of Mexico	Tensions in Mexican discourses on maize and 'biocultural heritage': The Cencalli Museum (Mexico City) as a case study	Hugh Cagle, University of Utah	A colonial history of systematics: Cultures of inquiry in 16th century Brazil
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Individual paper session	In person	Pluralism in science	Jamie Shaw & Eric Desjardins, Leibniz University and Western University at London, Ontario	Arne Næss: From pluralism to deep ecology	Alberto Monterde-Fuertes, University of Basque Country	Moving away from reduction: Integration and pragmatic pluralism in pain knowledge	Natasha Haddal, University of California at Davis	Context use in pluralistic approaches towards analyzing biological sex
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Individual paper session	In person	Psychology and psychotherapy	Hudson Guttman, University of Utah	Epistemic anorexia: An inadequate satisfaction in psychology research practices	Megan Delehanty, University of Calgary	Epistemic self-trust and psychotherapy	Danielle Brown, University of Alberta	Personality and personality disorders: A conceptual history
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Wednesday July 12 9:00AM -10:30AM

Traditional organized	Hybrid	Nathalie Gontier	Language and evolution: Constructionist views I	Nathalie Gontier, University of Lisbon	Situating communication and language evolution studies into the broader field of evolution research	Michael Pleyer & Angelo d Delliponti, Nicolaus Copernicus University in Torun	Pretend play as a constructed niche supporting language acquisition, mentalizing and cognitive development.	Bárbara Jiménez-Pazos, Universidad del País Vasco - Euskal Herriko Unibertsitatea, San Sebastian - Spain	Darwin's language of time and evolution: A semantic journey through cycles, chains, scales, lines and trees					
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Traditional organized	In person	Marion Blute, Elisabeth Muchka	The new, extended or inclusive evolutionary synthesis: where is it at and going?	David Suárez Pascal, National Autonomous University of Mexico	Is there enough creativity in the extended evolutionary synthesis?	Elisabeth Muchka, University of Bern	Two different functions of variation in the debate between the EES and SET			Marion Blute, University of Toronto	Joint Ecological and Social Models of the Coevolution of Somatic and Reproductive Functions			
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Diverse format	hybrid	Ana Soto	Advancing biological explanation: purpose, variation, default state and agency	Matteo Mossio, Centre National de la Recherche Scientifique (CNRS), full member of the IHPST, Paris, France	Why should we make room to purposiveness in biological explanation?	Maël Montévil, Centre Cavallès, République des Savoires UAR 3608, École Normale Supérieure	Historicity and theory	Ana M. Soto, Tufts University School of Medicine (Boston, USA ) and Centre Cavallès, ENS, (Paris, France)	The "default state" of all cells is proliferation with variation and motility	Johannes Jaeger, Complexity Science Hub (CSH) Vienna	The roles of agency in open evolution			N
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Diverse format	hybrid	Rose Trappes & Sabina Leonelli	Conceptualising environments in and for research: Biological and philosophical perspectives I	Alejandro Fábregas-Tejeda, Ruhr University Bochum	Biological environments vis-à-vis research environments: Meaningful ontological parallels or a case of epistemic parallax?	Francesca Merlin, IHPST, CNRS & Université Paris 1 Panthéon-Sorbonne & Gaëlle Pontarotti, IHPST, CNRS & Université Paris 1 Panthéon-Sorbonne	The pathogenic niche: an empowering concept of environment for health studies	Joseph Rouse, Wesleyan University	Niche construction in evolutionary biology and philosophy of science	Elis Jones, University of Exeter	Coral reefs and the ecological dimensions of science			Y
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Diverse format	In person	Shane Jinson	What is a synthetic cell, and how do we know?	Shane Jinson, Arizona State University		Anna Clemencia Guerrero. Arizona State University		Jarrett L. Joubert, Arizona State University		N
Individual paper session	Hybrid		Classifying humans: Race and intelligence	Brian Becerra Bressant, National Autonomous University of Mexico	The ideas of Darwin, Spencer and social Darwinism in the racial thought of the scientists during the Mexican Porfiriato	Elizabeth Neswald, Brock University	Racial metabolism studies as a colonial science, 1925-1940	Ageliki Lefkaditou, University of Oslo	Intelligence testing from the US to Norway: producing the Norwegian standard of the Stanford – Binet Scale, 1920s–1930s	
Individual paper session	Hybrid		Microbiome and holobiont	Sonia Harzallah Debbabi, Independent scholar	The holobiont, an informational organism	Teun Joshua Brandt, University of Groningen	The holobiontic figure: Cultural complexities of holobiosis in Joan Slonczewski's Brain Plague	Cécilia Bognon-Küss, Université Paris Cité	You are what you eat'. Mutations of the 'metabolic self'	
Individual paper session	Hybrid		Model organisms	Héloïse Athéa: Institute for the History and Philosophy of Science and Technology (IHPST, Paris) & Neuroscience Paris Seine laboratory; Adrien Leroy: Institut Curie (Paris)	Improving animal models: new directions emerging from the dialogue of a biologist and philosopher	Juan Larrain, Pontificia Universidad Católica de Chile	Exploration and perspectival modelling with model organisms: Developmental biology as a case study	Lauren Wilson, University of Minnesota	Revisiting behavioral genetics: model organisms, methodological disputes	
Individual paper session	In person		Natural selection & drift	Tianqin Ren, University of Missouri at Columbia	Unit of selection question under the statisticalist view	Ciprian Jeler, Alexandru Ioan Cuza University of Iasi	Natural selection and environmental homogeneity	Shimin Zhao, University of Wisconsin at Madison	Selection, drift, and two notions of causal strength	

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Individual paper session	In person	Research networks / communities	Maria Strecht Almeida (and Manuel Villanova), University of Porto	Immunology in Portugal – the pivotal role in the early 1970s of the “Group of Portuguese Immunologists”	Ma-Alicia Villela, National Autonomous University of Mexico	Producing and circulation of knowledge: toxicological effects in laboratories at UNAM	Marco Ornelas-Cruces (and Ana Barahona), National Autonomous University of Mexico	Transnational exchanges in 1980s Mexico for the development of the first genetic sequencing techniques during the Cold War
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Individual paper session	In person	Uses of genetic testing	Sherrie Lyons, Alden March Bioethics Institute Albany Medical College	Genetic engineering and the justice system: Phrenology as a cautionary tale	Sevil Suleymani, George Mason University	Genetic testing as a new oppressive system?!	Lisa Gannett, Saint Mary's University	(Global) Population genetic structure and (local) histories and geographies of race and nation
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Wednesday July 12 11:00AM - 12:30PM

Traditional organized	Hybrid	Nathalie Gontier	Language and evolution: Constructionist views II	Chris Sinha, University of East Anglia	Artefacts, symbols, and the dynamics of human biocultural niche construction	Vera Da Silva Sinha, University of Bergen & University of Oxford	Fingers, hands, feet and toes: Embodied number in an Amazonian society	Selene Arfini and Lorenzo Magnani	The language of ignorance: How did we learn to say "I Don't Know"					Y
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Traditional organized	In person	Siobhan McManus	Bodies in conflict Trans/feminisms, biology and the 4th wave	Lu Ciccia (She/They), National Autonomous University of Mexico	Why it is necessary to eliminate the category of sex from the biomedical field: towards the notion of bioprocesses	Leah Muñoz Contreras (She/Her/Hers), National Autonomous University of Mexico	Reflections on the property of feminine body in reproductive biocapitalism	Siobhan Mc Manus (She/her/hers), National Autonomous University of Mexico	Anti-gender movements and biology					N
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Individual paper session	Hybrid		Affective encounters and visual tools	Kathleen Pierce, Smith College	Affective encounters: Representing multispecies intimacies in the experimental laboratory	Laura Perini, Pomona College	The aesthetic life of a life scientist	Sarah M. Roe & Elyse Zavar, Southern Connecticut State University	Fault, blame & wrongdoing: Commemoration in corrosive communities					
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Individual paper session	Hybrid		Experiments & experimental systems	Simon Lohse, Radboud University	Reproducibility in animal-based research	Matthew Soleiman, University of California at San Diego	Decerebration and the rise of the clinic in the twentieth-century science of pain	Stephan Guttinger, University of Exeter	The mesosome is real! On the death of an artefact					
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Individual paper session	Hybrid	Histories of heredity in the early to mid-20th century	Pablo Lorenzano, National University of Quilmes/CONICET	Modeling the process of theory construction	Stefan Bernhardt-Radu, University of Leeds	Genes in society? Julian Huxley, heredity, and birth-control	Christina Brandt, Friedrich Schiller University Jena	Hans Spemann, the “organizer” and the epigenetic principle: concepts, metaphors and practices in research on development and heredity in the 1920s and 1930s
Individual paper session	In person	Darwin & Darwinism	Eric Anderson, University of Pittsburgh	Darwin, Lyell, and invasive species	Antonio Danese, University of Leeds	Darwin's flank movements	Koen Tanghe, University of Gent	On the origin of species (1859) as an exponent of the vera causa doctrine: A reply to Bradley (2022)
Individual paper session	In person	Essentialism & determinism in biology	Qiaoying Lu, Peking University	On the epistemic dilemma of genetic determinism: From a causal reasoning viewpoint	Riin Koiv, The University of Sydney; The University of Tartu	The futility of terminological choice as a means of adjusting the interpretation of genetic explanations	Sören Häggqvist, University of Stockholm	Intrinsic biological essentialism: Devitt’s new argument
Individual paper session	In person	Science education I	Ramsey Affifi, University of Edinburgh	Ecologising biology education concepts and practice	Jordan Cruz, National Autonomous University of Mexico	Images to encourage “tree thinking” in high school students	Martin Bremer, Florida State University	Dewey's importance for eco-critical/eco-reflexive environmental science education

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hybrid	Rose Trappes & Sabina Leonelli	Conceptualising environments in and for research: Biological and philosophical perspectives II	Carlos Andrés Barragán, University of California, Davis & James Griesemer, University of California, Davis	“We needed less contemporary genomic noise”: substantiating ancient DNA as a research environment	Luana Poliseli, Wageningen University & Research	Love me or love me not: the case of aesthetics values in ecological research environments	Rose Trappes, University of Exeter & Sabina Leonelli, University of Exeter	What can be learnt about research environments from niche concepts?	
Hybrid	Stavros Ioannidis	Thinking about explanatory integration in life sciences	Violetta Manola, National and Kapodistrian University of Athens	Integrated explanatory models in cognitive neuroscience	Pavlos Silvestros, National and Kapodistrian University of Athens	The mechanism of axes formation as a paradigmatic case of explanatory integration	Stavros Ioannidis, National and Kapodistrian University of Athens	Towards a Practice-Driven Model of Explanatory Integration	N

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Wednesday July 12 2:30PM - 4:00PM

Traditional organized	In person	Simon Fitzpatrick	The evolution and psychology of social norms	Evan Westra, Department of Philosophy, Purdue University	Investigating social norms in nonhuman animals	Rachell Powell, Department of Philosophy, Boston University	Social norms in superorganisms: The normative foundations of ultracooperation	Scott Partington, Department of History and Philosophy of Science, University of Cambridge	From territoriality to ownership: Towards a cognitive model of norm emergence					N
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Diverse format	hybrid	Rachel Ankeny, Michael Dietrich, Matt Haber, Ayelet Shavit	Problematizing biology: Jim Griesemer's contribution to our fields	Rachel Ankeny, University of Adelaide		Michael Dietrich, University of Pittsburgh		Matt Haber, University of Utah		Ayelet Shavit, Tel Hai College				N
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Diverse format	In person	Anton Kilin	Environment concepts in public health and holistic medicine	Yael Friedman, University of Oslo		Anton Kilin, Bielefeld University								N
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Individual paper session	Hybrid		Computational and animal models and simulations	Michal Hladky, University of Geneva	All that glitters is not a deduction : Non-deductive methods in computational modelling	Margaret Farrell, University of California at Irvine	Adequacy for purpose when the purpose is truth	Yingying Han, Radboud University	Validity arguments on the legitimacy of the forced swim test					
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Individual paper session	Hybrid		Science education II	Diana Alethia Guerrero Hernández (and Ana Cristina Cervantes Arrijoja, Karla Ramirez Pulido), National Autonomous University of Mexico	De-naturalizing the understanding of gender gaps in STEM: A case study at the UNAM Sciences Faculty	Bruno Lima (and Maria Elice Brzezinski Prestes), University of Sao Paulo	Debating complex organs (and design) in the classroom: How Darwin can help us?	Joshua Hoskinson (and Beckett Sterner), Arizona State University	Cognitive and affective domains of evolution acceptance					
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Individual paper session	Hybrid	The microbiome in practice	Mathias Grote, Humboldt-Universität zu Berlin	"Gaia's tissue." How microbes have become planetary agents since 1970s	Robert Meunier, University of Luebeck	Perspectivism and collaboration: Integrating evolutionary-ecological and biomedical approaches to the human microbiome	Jacqueline Wallis, University of Pennsylvania	Challenges to measuring microbes in biomedical sciences
Individual paper session	Hybrid	Theoretical debates on evolution	True Gibson, University of California at Irvine	How to view Darwin's analogical argument in "On the origin of species"	Mingjun Zhang, Fudan University	Defending the importance of reproduction in evolution by natural selection	Devin Gouvêa, College of the Holy Cross	"Toxic homology": A cautionary tale
Individual paper session	In person	Biological sex: From models to medical consequences	Chelsie Greenlee, University of Notre Dame	The sex binary as a fiction in scientific models	Aya Evron, Hebrew University of Jerusalem	What do sexes have to do with biological explanations?	Roger Sansom, Texas A&M University	Medicine's "disease" bias.
Individual paper session	In person	Evidence in the life sciences	Sloane Wesloh, University of Pittsburgh	Evidence-based medicine, the electronic medical record, and values in science	Mariusz Maziarz & Adrian Stencil, Jagellonian University	Using negative mechanistic evidence to distinguish causal effects from spurious correlations	Kim Hendrickx, FNRS - University of Liège	Toxic evidence: why we need more imagination to present stronger facts, and how organisms can help us with that
Individual paper session	In person	Our earth and beyond: Chemistry, geo- & astrobiology	Franziska Reinhard, University of Vienna	Elucidating and embedding: Two functions of how-possibly explanation and their relevance to origins-of-life research	Andrea Corpolongo & Angela Potochnik, University of Cincinnati	Astrobiologists don't need a definition of life		
Individual paper session	Hybrid	Teleology and agency II	Auguste Nahas, University of Toronto	What's at stake in the debate over naturalizing teleology? An overlooked metatheoretical debate	Justin Donhauser, Bowling Green State University	Five lessons from teleology-neutrality and metaphor in ecology: Bottom-up and down all at once	David Harrison, University of Cambridge	Mind the matter: Active matter, emergence, and naturalising teleology

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Thursday July 13 9:00AM - 10:30 AM														
Traditional organized	Hybrid	Benjamin Spada	Cancer evolution and evolution of cancer	Éric Solary, INSERM, Gustave Roussy & University Paris Saclay	Revising Clonal Evolution: the Case of CMML part I	Lucie Laplane, CNRS University Paris I Panthéon-Sorbonne & Gustave Roussy	Revising Clonal Evolution: the Case of CMML part II	Benjamin Spada, University of Bordeaux & CNRS	Promises and challenges of comparative oncology: going beyond the anthropocentric view of cancer					N
Traditional organized	Hybrid	Sabina Leonelli	Coordination within and beyond the lab: Challenges of transdisciplinary life science	Fotis Tsiroukis, University of Exeter	Stigmergic coordination in Greek plant research: Opportunities and challenges	Joyce Koranteng-Acquah, University of Exeter	Bridging the science-policy gap in Ghanaian agricultural research	Nathanael Sheehan, University of Exeter	Genomic data sharing for COVID-19: Diverse enough?	Rachel A Ankeny, University of Adelaide & Sabina Leonelli, University of Exeter	Themes and variations in the 'precision' sciences: On the relation between regimes and repertoires			N
Traditional organized	Hybrid	Paul Griffiths	Developmental niche construction: Memorial session in honour of Dr Karola Stotz (1963-2019) I	Gaëlle Pontarotti & Francesca Merlin, IHPST/CNRS	Diversifying the constructed niche: In the footsteps of Karola Stotz	Gregory Kohn, University of North Florida, Department of Psychology	Looking forward, but with no destination: Contrasting retrospective and prospective approaches to ontogenetic niche construction							Y
Traditional organized	Hybrid	Jim Tabery	Precision Medicine: From theory to practice I	Jonathan Fielder, University of Pittsburgh	Precision medicine is epidemiological medicine	Jim Tabery, University of Utah.	The molecular/genetic nature of precision medicine--How we got here, where we're going	Austin Due, University of Pittsburgh	Patient participation in precision medicine					Y

Traditional organized	In person	Charbel El-Hani	Organizational ecological functions: Developing and articulating the theory	Charbel N. El-Hani	Ecosystem individuation and functional ascription to biotic and abiotic items	Emiliano Sfara, Post-doctoral researcher, Institute of Biology, Federal University of Bahia, and National Institute of Science and Technology in Interdisciplinary and Transdisciplinary Studies in Ecology and Evolution – INCT IN-TREE, Brazil	An understanding of malfunction to deal with ecosystem health	Clarissa Machado Pinto Leite, Post-doctoral researcher, Institute of Biology, Federal University of Bahia, and National Institute of Science and Technology in Interdisciplinary and Transdisciplinary Studies in Ecology and Evolution – INCT IN-TREE, Brazi	Regulation in ecological systems: an organizational approach	N	
Diverse format	hybrid	Geoff Bil	Plants in translation: Global diasporas & local entanglements	Genie Yoo, Hebrew University of Jerusalem  Speaker 6: Wendy Geniusz, York University	Ruel Pagunsan, University of the Philippines Diliman			Elaine Ayers, New York University  Speaker 7: Geoff Bil, University of Delaware	Tamara Caulkins, Central Washington University	Don Opitz, DePaul University	N
Individual paper session	Hybrid		Biological individuality & pluralism	Guido Ignacio Prieto, Ruhr University Bochum	Evolutionary individuality, tectology, and the limits of pluralism	Alexander Geddes, King's College London	Biological individuality and pluralism	William Morgan, University of Bristol	Biological individuality and the definition of death		
Individual paper session	Hybrid		Metaphysics of biology	Giorgio Airoidi, National Distance Education University, Madrid	Are novelties possible in the formalizations of the theory of natural selection? An ontological analysis	Joan Camarena, University of Valencia	A processual ontology to ecological psychology	Julia Pelletier, University of Wisconsin at Milwaukee	Metaphysical failings of the gene in the era of CRISPR-Cas9		
Individual paper session	In person		Explanations from functions to mechanisms	Brandon Conley, Washington & Lee University	A generic theory of functions	Aline Potiron, Johannes Kepler University Linz	Towards an integrative view of explanation in human gut microbiome	Adonay Otero Garcia, National Autonomous University of Mexico	On the concept of synthetic identity as a foundation for understanding the distinction between constitutive and etiological explanations in the philosophy of the new mechanism		

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Thursday July 13 11:00AM - 12:30PM

Traditional organized	Hybrid	Paul Griffiths	Developmental niche construction: Memorial session in honour of Dr Karola Stotz (1963-2019) II	Axel Constant, University of Sydney	The concept of niche construction in psychiatry	Paul Griffiths, University of Sydney	Developmental niche construction and the developmental systems account of human nature							
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Traditional organized	Hybrid	Richard Vagnino	New roles for analogy in science: experiment, pluralism, and interdisciplinarity	Richard Vagnino, University of California, San Diego	Analogical Anatomy: Scientific Disagreement and the Neuron Doctrine	Eric Hochstein, University of Victoria	Why Analogical Reasoning Necessitates Scientific Pluralism	Lauren Olin, University of Missouri St Louis	Analogy, Interdisciplinarity, and the Diffusion of Knowledge					N
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Traditional organized	Hybrid	Jim Tabery	Precision Medicine: From theory to practice II	Ross Upshur, University of Toronto	Can precision medicine approaches assist in compassionate access decision making?	Zinhle Mncube, University of California, San Diego	Are race-inclusive kidney function estimating equations adequate for individualized precision?	Benjamin Chin-Yee, University of Cambridge and Western University	“Minimal residual disease” in precision oncology: premises before promises					
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Traditional organized	Hybrid	Michelle Charette	Technological tinkering and bodies of knowledge	Suze Berkhout and Kelly Fritsch, University of Toronto		Em Panetta and Denielle Elliott, York University		Michelle Charette, York University						N
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Traditional organized	In person	Elihu Gerson	Learning from the purpose project: Sociological considerations	Edward W. Wilson, Carol Bromer, Ed Wilson Consulting	Making sense of purpose in biology: Preliminary findings from a sociological study of the Purpose Project	James Griesemer, University of California Davis		Elihu M Gerson, University of California, Davis						N
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Individual paper session	Hybrid	Bioethics	Tomás Hernández Mora, Universidad de La Laguna	Liberal eugenics: Research, studies, and critics	Pablo García-Barranquero & Joan Llorca-Albareda & Gonzalo Diaz-Cobacho, University of Malaga	No, we don't want to grow old. Reasons why biological aging is undesirable	Mark Fedyk & Davide Serpico, University of California at Davis	Threshold problems in clinical ethics and solutions from philosophy of biology
Individual paper session	Hybrid	Culture & evolution I	Ehud Lamm; Tel Aviv University	Collective knowledge and cultural evolution: An analysis of conceptual options	Johannes Martens, CNRS, Sorbonne Université	Kin selection theory: Falsified? Falsifiable?	Makmiller Pedroso, Towson University	The costs of too much cooperation
Individual paper session	In person	Data practices: Collecting, integrating, sharing	Kathryne Metcalf, University of California at San Diego	Building biobanks: Constraint and/as affordance in big data microbiomics	Hugh Williamson (and Sarah Hartley), University of Exeter	Opening up animal phenomics: Stakeholder visions of integrating digital sensing and genomic data in UK livestock breeding	Alican Basdemir, University of Calgary	Institutional value management and scientific data sharing
Individual paper session	In person	Ecological knowledge, nature control, and exploitation	Max Bautista Perpinyà, Université catholique de Louvain	Reimagining scientific forestry: A study of post-dictatorship Spain's national network of pine seed orchards	João Joaquim, University of Cambridge	The early days of insect virus research and their tentative use in pest biocontrol	Sofia Belardinelli, University of Naples "Federico II"; University of Padua	The complex human-nonhuman relationship through the lens of biocultural diversity
Individual paper session	In person	Theoretical issues on taxa, populations and groups	Celso Neto (and Adrian Currie), University of Exeter	(Some) Paraphyletic taxa are real	John Matthewson, Massey University	Population confusion	Kati Kish Bar-On, Massachusetts Institute of Technology	What are human groups?

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Thursday July 13 2:30PM - 4:00PM

Traditional organized	In person	Elisabeth Mueller	Exploring Ernst Haeckel's ecology: Letters – herbaria – travel writing	Goebel, Roman, Friedrich Schiller University Jena	Letters as a source for the history of science	Mueller, Elisabeth, Friedrich Schiller University Jena	Ernst Haeckel and botany – lateral entry into the natural sciences or a puzzle piece of the whole	Engberg, Isabella Maria, University of Aberdeen	From water colour sketches to scenes of environmental concern: Ernst Haeckel's portrayal of ecological relations in rndische reisebriefe (1882)					N
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Traditional organized	In person	Karim Baraghith	Issues arround cultural fitness revisited	Niklas Tarik Parwez, Institute for theoretical Philosophy, Heinrich-Heine University, Duesseldorf, Germany	The normic-dispositional interpretation of (cultural) fitness	Alejandro Gordillo García (speaker) & Grant Ramsey (co-author), KU Leuven	An informational approach to cultural fitness, cumulation and fidelity	Karim Baraghith, Institute of Philosophy, Leibniz University, Hannover, Germany.	Social asymmetries and cultural evolution: A problem for the concept of cultural fitness?					N
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Traditional organized	In person	Gillian Barker	Mechanism and/or organicism: Negotiating alternative perspectives on individuals, ecological communities, and the biosphere	Jonathan Bowen, Western University	Two ways to be an organicist: Goldstein and the new mechanists	Antoine C. Dussault, Collège Lionel-Groulx	Organismic analogies in early Twentieth-century American ecology: Organicist paradigm or independent uses expressing heterogeneous ideas?	Gillian Barker, University of Pittsburgh	The Arctic clockwork and the bloodstream of the biosphere: Metaphors of machine and organism in functional conceptions of Earth					N
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Individual paper session	Hybrid	Research methods & communities: Theories, practices, politics	Vivette García-Deister & Bernardo Yáñez, National Autonomous University of Mexico	Emergence of a collaborative network of biological anthropologists from the periphery	Linda Holland, Vrije Universiteit Amsterdam	Making X-ray images intelligible for understanding pulmonary tuberculosis: A community achievement	Marga Vicedo, University of Toronto	Epistemological discipline in animal behavior studies: Konrad Lorenz and Daniel Lehrman on intuition and empathy
Individual paper session	Hybrid	Domestication and artificial selection	Jason Zinser, University of Wisconsin at Stevens Point	Disentangling domestication	Miriam Rebecca Alvarez Tostado (and Dr. Antonio Alfredo Bueno Hernández, Dra. Ana Rosa Barahona Echeverría, Dr. Arturo Carlos Il Becerra Bracho), National Autonomous University of Mexico	The study of domestication by 19th century naturalists: A starting point for evolutionary thought	Denise Hossom, University of California at Davis	When horses 'crossed the rubicon': Rubicon expectations and investigative disintegration in the history of horse domestication
Individual paper session	Hybrid	Health in humans and ecosystems	Carl Brusse, University of Sydney	Naturalism about health, a biocultural approach	Andrew Inkpen, Mount Allison University	Human health and microbial ecology	Daniel Davis, University of Leeds	The role of value in constructing ecosystem health
Individual paper session	In person	Levels and hierarchies	Daniel Brooks, Ruhr University Bochum	Levels of What? Busting the shell game surrounding the levels concept	Ramy Amin, University of Cincinnati	The Philosopher's error: Levels, causation, and constraints	Tina Heger, Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB) Berlin	Scientific hypotheses and how to tame them: Suggestions for a hierarchical building block system



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Individual  
paper session

In person

Theoretical  
issues in ecology  
and population  
biology

Zvi Hasnes-  
Beninson, Tel  
Aviv University

A strategy to  
what end? "The  
strategy of  
model building  
in population  
biology" in its  
programmatic  
context

James Justus,  
Florida State  
University

The elusive  
synthesis: On  
integrating  
ecology and  
genetics into  
population  
biology

Robert  
Fruehstueckl,  
University of  
Bielefeld

Context  
dependence and  
the problem of  
extrapolation in  
ecology

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SESSION TYPE	ONLINE/ IN PERSON/ HYBRID	ORGANIZER NAME	SESSION TITLE	SPEAKER 1	TITLE 1	SPEAKER 2	TITLE 2	SPEAKER 3	TITLE 3	SPEAKER 4	TITLE 4	SPEAKER 5	TITLE 5	DOUBLE (Y/N)
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Friday July 14 9:00AM - 10:30AM

Traditional organized	Hybrid	Hajo Greif	Laws of form and Darwinian mechanisms: The biological origins of early British cybernetics	Adam Kubiak, Warsaw University of Technology	Turing's theory of morphogenesis: between mechanism and organicism	Kristina Šekrst, University of Zagreb	The animal as machine	Hajo Greif, Warsaw University of Technology	Varieties of mechanism: the promise and limits of cybernetics					N
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Traditional organized	In person	Maria Kronfeldner & Stephen M Downes	Broadening our horizons in understanding genetic causation I	Stephen M. Downes, University of Utah	Alternate understandings of genetic causation	Rebekah Sinclair, Oregon State University	Ecological explanations of genetic causation: Converging wisdom from microbial biology and non-western epistemology	James Woodward, University of Pittsburgh	Some philosophical issues concerning polygenic risk scores					Y
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Individual paper session	Hybrid		Atoms, organisms & teleology in the history of philosophy	Enrico Piergiacomini, Technion Israel Institute of Technology	An evolutionary atom? Pierre Gassendi on biology and evolution	Christopher Shambaugh, University of Oregon	Could all life be agential?	Giulia Gandolfi, Cà Foscari University of Venice	The "organism" as a connection in Kantian philosophy and in Canguilhem philosophy of medicine					
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Individual paper session	Hybrid		Culture & evolution II	Matilde Carrera, Boston University	Which metaphysics for a science of cultural evolution?	Stephen Morris, College of Staten Island, CUNY	Can the evolution of altruism explain the antisocial tendencies of the wealthy?	Sheldon Richmond, Independent scholar	Culture making and the mother of all tongs					
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Individual paper session	Hybrid		Decolonizing science	Itsue Nakaya Perez, City University of New York	Reconsidering taxonomies: A decolonial view of scientific classification	Maurizio Meloni, Deakin University	Decolonizing biology	Clara Pakman, Dartmouth College	Refuting scientism, embracing multiplicity	
Individual paper session	Hybrid		Explanations and models of evolution	Thiago Zahn, Dept of Linguistics, University of Sao Paulo	Explanation in evolutionary theory – beyond biology (and into linguistics)	Yasmin Haddad, Dalhousie University	The scope of reciprocal causation	Steven Orzack, Erik Johansson and Mary Sears, Fresh Pond Research Institute, Cambridge Massachusetts	The Levins Project: An empirical investigation of what Richard Levins's 1966 article "The Strategy of Model Building in Population Biology" means to biologists	
Individual paper session	Hybrid		Variation, chance and randomness	Arnaud Pocheville, CNRS & Université de Toulouse	The principle of variation reiterated	Marco Casali, Université Paris Cité	Chance as an abstractor in life sciences' explanations	Marshall Abrams, University of Alabama at Birmingham	Random foraging as a source of objective probability in evolution	
Traditional organized	In person	Michael Ruse	The new biology I	Michael Ruse, University of Guelph		Emma Sigsworth, University of Toronto	The new biology, holistic biology, and the extended evolutionary synthesis	Greg Rupik, University of Toronto	Back to Goethe!	N

SESSION TYPE	ONLINE/ IN PERSON/ HYBRID	ORGANIZER NAME	SESSION TITLE	SPEAKER 1	TITLE 1	SPEAKER 2	TITLE 2	SPEAKER 3	TITLE 3	SPEAKER 4	TITLE 4	SPEAKER 5	TITLE 5	DOUBLE (Y/N)
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Friday July 14 11:00AM - 12:30PM

Traditional organized	In person	Maria Kronfeldner & Stephen M Downes	Broadening our horizons in understanding genetic causation II	Kate Lynch, University of Melbourne	Indirect genetic effects	Adam C. Smith, University of Utah	GWAS, genetic causation claims, and inductive risk	Maria Kronfeldner, Central European University	Causal explanation, genetics, and our anxieties					
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Traditional organized	In person	Michael Dietrich	Survival of the luckiest: Rethinking random drift	Roberta Millstein, University of California, Davis	When surfing becomes drifting	Robert Skipper Jr., University of Cincinnati	Does genetic draft resolve lewontin's paradox?	Michael Dietrich	What do signatures of selection say about drift?					N
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Individual paper session	Hybrid		Culture & evolution III	Gianmaria Dani & Grant Ramsey, KU Leuven	Tool use beyond humans	Saira Khan, University of California at Irvine	Commitment in human evolution: From hunting to promising	Filip Jaroš, University of Hradec Králové	Anthropological difference in the light of diverse evolutionary narratives					
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Individual paper session	Hybrid		Philosophy of medicine	Shane Glackin, University of Exeter	Externalist medicine (and externalist biology?)	Robert Kok, University of Utah	Against medicalizing neglected tropical diseases: A parasitological perspective	Ruey-Lin Chen, National Chung Cheng University	Scientific exploration of causation in biomedical research: The case of gene targeting on mouse embryonic stem cells					
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Individual paper session	Hybrid		Science communication	Corey Bunce, Konrad Lorenz Institute for Evolution and Cognition Research	Narrative organization in developmental biology research reporting	Jing Zhu, East China University	The relationship between understanding of evolution and the nature of science: A case study based on visitors in science museum	Daisy Underhill, University of California at Davis	Epigenetic proxies, and scientific communications: The question of responsibility for epigenetic narratives of trauma					
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Traditional organized	In person	Michael Ruse	The new biology II	Peter Takacs, University of Sydney	The new biology and an extended evolutionary synthesis: Cause for concern?	Dan Nicholson, George Mason University	Mechanism' and 'organicism': Two key erms in biological theory in dire need of clarification	Paul Thompson, University of Toronto	The New Biology: Old Wine in New Skins	N
Traditional organized	Hybrid	Risa Schnebly	Narratives of life in the life sciences: Stories of evolution, conservation, and resurrection	Rachel Mason Dentinger, University of Utah	Wastes or weapons? Conflicting narratives of plant molecules in 1960s biology	Risa Aria Schnebly, Arizona State University	Bringing back the thylacine: De-extinction and evolving narratives of loss and responsibility	Olivia Davis, Arizona State University	And they all lived happily ever after? Imagining the future of conservation through narratives	