

**Tuesday, March 8**

13:00-  
14:30

**Registration, foyer**

14:30-  
15:00

**Opening, room 3D**  
**Andrea von Hülsen-Esch (Vice-President for International Relations)**  
**Holger Lyre (President of the GWP)**  
**Gerhard Schurz (Chair of the LOC, DCLPS)**

15:00-  
16:15

**Plenary Lecture, room 3D (Chair: P. Thorn)**  
**Alexander Rosenberg: The Biological Character of Social Theory**

16:15-  
16:45

**Refreshments, foyer**

**Room 3B**

**Room 3C**

**Room 3D**

**Room 22**

**Room 24**

**Philosophy of the Natural Sciences I**  
**(Chair: M. Frisch)**

**Philosophy of the Life Sciences I**  
**(Chair: G. Vosgerau)**

**General Philosophy of Science I (Chair:**  
**P. Brössel)**

**Symposium: Constitution and**  
**Constitutional Discovery (Chair: C.**  
**Feldbacher)**

**SPS-GWP Symposium: From Genetics**  
**to Culture – Lines, Gaps and Bridges**  
**(Chair: M. Kronfeldner)**

16:45-  
17:25 Kian Salimkhani: Quantum Gravity: An  
Ideology of Unification?

Teresa Behl: Pitfalls and Perspectives in  
Comparative Psychology

Markus Schrenk: Emergence for Better  
Best System Laws

Jens Harbecke: A Theory of Constitutive  
Inference for the Regularity Account of  
Mechanistic Constitution

Francesca Merlin: Epigenetics and the  
Explanation of Development: The Mirage  
of Moving Beyond Reductionism

17:25-  
18:05 Julian Husmann and Paul Näger: Physical  
Composition as Bonding

Philipp Haueis: What are Organizational  
Principles in Contemporary Brain  
Mapping?

Ludwig Fahrbach: Past Realists Thought  
the Same ...

Michael Baumgartner and Lorenzo Casini:  
Bayesian Constitutional Discovery

Christian Sachse: Possible Limits of  
Reductive Explanations

18:05-  
18:45 Carsten Held: Antecedent-Strengthening  
and Ceteris Paribus Laws

Jonathan Surovell: Some Do's and Don'ts of  
Defining Empirical Significance: A  
Carnapian Analysis

Alexander Gebharter: Uncovering  
Constitutive Relevance Relations in  
Mechanisms

Cédric Paternotte: Information and the  
Evolution of Social Preferences

19:30-  
22:00

**Conference Dinner, Brauerei Zum Schlüssel, Bolkerstraße 41-47**

## Wednesday, March 9

Wednesday, March 9					
09:15-10:30	Plenary Lecture, room 3D (Chair: U. Feest) Michela Massimi: A (Possibly) Even Better Best System Account of Lawhood				
10:30-11:00	Refreshments, foyer				
	Room 3B	Room 3C	Room 3D	Room 22	Room 24
	Philosophy of the Natural Sciences II (Chair: M. Stoeltzner)	Philosophy of the Life Sciences II (Chair: M. Kaiser)	General Philosophy of Science II (Chair: M. Schrenk)	History of Philosophy of Science (Chair: H. Pulte)	Symposium: Absences, Deficiencies and Malfunctions in Biological and Medical Explanations (Chair: T. Reydon)
11:00-11:40	Enno Fischer: The Role of the Concept of Causation in Physics	Alexis De Tiège: On Life's Dual Nature: Complex Systems Dynamics and Gene-Centeredness	Hardy Schilgen: From Ontological Interaction, to Epistemic Integration and Integrative Pluralism	Ina Goy: Kant's Views on Preformation and Epigenesis	Ludger Jansen: Functions, Malfunctioning, and Negative Causation
11:40-12:20	Andrea Reichenberger: Causality in General Relativity. "Partial Determination" Revisited	Anne Sophie Meincke: The Philosophical Concept of Agency between Systems Biology and Artificial Intelligence	Rico Hauswald: Scientific Pluralism and its Trade-Offs		Thomas Schramme: The Quantitative Problem for Theories of Function and Dysfunction
12:20-13:00	Mathias Frisch: Quantum Mechanics and Retro-Causation	Hajo Greif: Teleosemantics and the Meaning of Adaptation	Bas de Boer: The Perspective of the Instruments: Mediating Intersubjectivity	Markus Seidel: The Vibe Around 1930: Scientism and Political Philosophy of Science	Peter McLaughlin: Speciesism, Species Norm and the Lack of Species-Typical Traits in Moral Argumentation
13:00-15:00	Lunch Break				
15:00-16:15	JGPS Lecture, room 3D (Chair: U. Krohs) Rainer Hegselmann: Thomas C. Schelling and James M. Sakoda - How to Become an Unknown Pioneer?				
16:15-16:45	Refreshments, foyer				
	Room 3B	Room 3C	Room 3D	Room 22	Room 24
	Philosophy of the Natural Sciences III (Chair: R. Dawid)	Philosophy of the Life Sciences III (Chair: J. Harbecke)	General Philosophy of Science III (Chair: C. Held)	Causality (Chair: D. Hommen)	Symposium: The Relation between Philosophy of Science and Philosophy of Engineering after the Practice Turn (Chair: R. Hillerbrand)
16:45-17:25	Simon Friederich: The Fine-Tuning Argument for the Multiverse Under Attack	Peter Hucklenbroich: Disease Entities, Negative Causes of Disease, and the Naturalness of Disease Classifications	Simon Scheller: Agent-Based Modeling and Democratic Theory: Improving Normative Arguments through Simulation	Tobias Henschen: Interventions or Ranks?	Mieke Boon: What is a Philosophy of Science for the Engineering Sciences?
17:25-18:05	Flavia Padovani: Coordination, Measurement, and the Problem of Representation of Physical Quantities	Marko Jurjako: The (Dys)functionality of Psychopathy: Perspective from the Philosophy of Science	Christian J. Feldbacher: The Synchronized Aggregation of Beliefs and Probabilities		Peter Kroes: Internalism and Externalism in the Philosophy of Engineering
18:05-18:45	Riske Schlüter: Holism of Climate Models and their Construction with Empirical Data and Theoretical Knowledge	Gottfried Vosgerau: Mental Disorders as Higher-Order Theoretical Terms	Axel Gelfert: Exploratory Modes of Scientific Inquiry: From Experimentation to Modeling	Alexander Reutlinger: Is There A Monist Theory of Causal and Non-Causal Explanations? The Counterfactual Theory of Scientific Explanation	Wolfgang Pietsch: A Causal Perspective on Modeling in the Engineering Sciences
19:00-20:00	GWP Meeting, room 3D				

## Thursday, March 10

Thursday, March 10					
09:15-10:30	Plenary Lecture, room 3D (Chair: T. Reydon) Paul Hoyningen-Huene: Are there Good Arguments Against Scientific Realism?				
10:30-11:00	Refreshments, foyer				
	Room 3B	Room 3C	Room 3D	Room 22	Room 24
	Values in Science I (Chair: C. Menke)	Philosophy of the Life Sciences IV (Chair: A. S. Meincke)	General Philosophy of Science IV (Chair: L. Fahrbach)	Mechanisms (Chair: A. Gebharder)	Symposium: Methodological Challenges in Quantum Gravity (Chair: W. Pietsch)
11:00-11:40	Martin Carrier: Agnotological Challenges: How to Capture the Production of Ignorance	Susanne Hiekel: Evolutionary Explanations	Claus Beisbart: Reflective Equilibrium – A Method for Philosophy of Science?		Christian Wüthrich: The Use of Black Hole Thermodynamics as Non-Empirical Confirmation
11:40-12:20	Alexander Christian: The Suppression of Medical Evidence	Ciprian Jeler: Types of Environments and Multi-Level Natural Selection	Catherine Herfeld and Malte Doehne: How Theories Travel: The Case of 'The Theory of Games and Economic Behavior'	Beate Krickel: Empirically Assessing Mechanistic Constitution With Interventions	Keizo Matsubara: On Predictions and Explanations in Multiverse Scenarios
12:20-13:00		Javier Suárez and Roger Deulofeu: On the Explanatory Character of the Serial Endosymbiotic Theory of the Origin of Eukaryotic Cells	Christian Wallmann: Different Solutions to the Problem of Conflicting Reference Classes and their Application to Personalized Medicine	Carlos Zednik: Viewing Marr as a Mechanist	Richard Dawid: Can We Make Sense of the Final Theory Claim in String Theory?
13:00-15:00	Lunch Break				
15:00-16:15	Plenary Lecture, room 3D (Chair: G. Schurz) Gila Sher: Truth and Scientific Change				
16:15-16:45	Refreshments, foyer				
	Room 3B	Room 3C	Room 3D	Room 22	Room 24
	Values in Science II (Chair: A. Christian)	Philosophy of the Life Sciences V (Chair: M. Boon)	General Philosophy of Science V (Chair: C. Beisbart)	Philosophy of the Social Sciences and the Humanities I (Chair: R. Hillerbrand)	Symposium: Evidence of Mechanisms in Medicine (Chair: B. Krickel)
16:45-17:25	Torsten Wilholt: Cognitive Interests and Scientific Objectivity	Jessica Laimann: Explaining Human Behaviour, Changing Human Behaviour: How to Be an Evolutionary Social Constructionist	Peter Brössel and Nina Poth: Why the Psychology of Reasoning Needs Normativity: The Complex-First-Paradox	Eva-Maria Jung: Reconsidering the "Experimental Turn" in the Humanities	Michael Wilde: Evidence of Mechanisms in Medicine
17:25-18:05	Cornelis Menke: Is the Argument from Inductive Risk Applicable to Pure Research?	Zdenka Brzovic and Predrag Sustar: Natural and Social Kinds: Overlaps and Distinctions	Benjamin Horrig and Peter Brössel: Predictive Coding and the Rationale of the Conjunction Fallacy	Lara Huber: From Stability to Validity: How Standards Serve Epistemic Ends	Veli-Pekka Parkkinen: Defending the Epistemic Significance of Mechanisms
18:05-18:45	Stijn Conix: Values in Species Classification	Kamuran Osmanoglu: The Biological Reality of Race Does Not Underwrite the Social Reality of Race: A Response to Spencer	Marie I. Kaiser: Normativity in the Philosophy of Science	Maria Kronfeldner: Human Nature Between Science and Politics: Dehumanization, Essentialism and the Call for Elimination	

Friday, March 11					
	Room 3B	Room 3C	Room 3D	Room 22	Room 24
	Philosophy of Mathematics (Chair: A. Schuster)	Confirmation (Chair: T. Wilholt)	General Philosophy of Science VI (Chair: H. Greif)	Philosophy of the Social Sciences and the Humanities II (Chair: E.-M. Jung)	Symposium: Mathematics as a Tool (Chair: N. Retzlaff)
09:15-09:55	Fabrice Pataut: Gödel on Intuitionistic Logic, and Davidsonian Radical Interpretation: The Case of the Logical Constants	Paul Thorn: The Stimulus Perception Connection	David Botting: Toulmin's Logical Types	Elizaveta Kostrova: The Role of "Ought" in Value Theory: Philosophical and Sociological Perspectives	Anouk Barberousse: Empirical Bayes as a Tool
09:55-10:35	Michael Stoeltzner: Hilbert's Axiomatic Method and Carnap's General Axiomatics	Yukinori Onishi: Defending Selective Confirmation Strategy	Wolfgang Freitag: Goodman's Paradox and Hansson's Puzzle	Judith Würigler: The "Invisible Hand" as a Natural Law	Jürgen Jost: Mathematics in the Era of Big Data is not the Tool of Science, but the Science of Tools
10:35-11:15	Antonio Piccolomini d'Aragona: Recognition Procedures and Dag Prawitz's Theory of Grounds		Jakob Koscholke: Why Coherence Cannot be Measured as Relative Overlap	Karsten Klint Jensen: Micro Economics between the Natural Sciences and the Humanities	Johannes Lenhard: Boon and Bane: On the Role of Adjustable Parameters in Simulation Models
11:15-11:45	<b>Refreshments, foyer</b>				
11:45-13:00	<b>Plenary Lecture, room 3D (Chair: H. Lyre) Stathis Psillos: Induction and Natural Necessities</b>				