

Sunday, September 12:

16:00-19:25 UTC APC Joscha Bach: Machine Consciousness

16:00-16:30 Anil Seth. The strength of weak artificial consciousness

16:30-17:00 Joscha Bach. Virtualism as a perspective on consciousness

17:00-17:30 Thomas Metzinger. Epistemic indeterminacy and the applied ethics of synthetic phenomenology

17:30-18:00 J. Kevin O'Regan: Making a machine that really feels

18:00-18:30 Peter Boltuc. Non-reductive physicalism

18:30-19:00 Ron Chrisley. Machine Consciousness, Meta-Knowledge, and Physical Omniscience

19:00-19:25 Discussion

20:30-22:00 Joint Session 1 APC-BICA

20:30-21:00 Kyrtin Arteides. Philosophy 2.0: Applying Collective Intelligence Systems and Iterative Degrees of Scientific Validation

21:00-22:00 Ricardo Gudwin. From Signals to Knowledge and from Knowledge to Action: Peircean Semiotics and the Grounding of Cognition

Monday, September 13:

Block 2: BICA (David Kelley) 13:00-16:00 UTC Plenary Discussion and Two Lectures

+ BICA DAY for APC participants

Tuesday, September 14:

10:45-12:55 UTC APC Daniel Hardegger: The 4th space.

A. The 4th Space team

10:45-50 Introduction

11:50-11:30 Daniel Hardegger. Towards a Merging of Spaces: A 'holistic concept' for the emerging "4th Space"

11:30-11:45 Nick Clifton. Co-Working Spaces, Innovation and the 4th Space

11:45-12:00 Christoph M. Abels. Everybody lies? Misinformation and its implications for the "4th Space"

12:00-12:15 Gordana Dodig Crnkovic. 4th Space as Information Ecology with Requirements of Inclusion and Ethics

12:15-12:30 Piotr (Peter) Bołtuć. The Fourth Space as Reality

12:30-12:55 General Discussion including: Tom Abeles and Rafał Maciąg

16:00-18:00 Special session in Applied Philosophy of AI:

16:00 -16:40 Stefan Lorenz Sorgner. The moral status of embodied AI's.

16:40 - 17:20 Mark Waser. Philosophy in the Age of Blockchain

17:20 – 17:50 Jeffrey White. Finding the "I" with AI – modeling self and its place in the natural order

18:00- 20:00 Special session on the 4th space: Emerging Futures

18:00-18:20 Tom Abeles. Navigating Futures

18:20 – 18:40 Rafał Maciąg. The space of humanistic management

18:40 – 19:00 Rafal Maciag. Towards a truly pragmatic concept of knowledge
19:00 – 19:20 Maria-Luisa Gómez Jiménez. Legal concerns concerning digital fourth space
19:20 General discussion.

Wednesday, September 15:

16:00 UTC APC Analytical Philosophy of AI

16:00 Daniel C. Elton Bayesian epistemology and Solomonoff induction are bad foundations for understanding intelligence

16:30 Piotr Giza. The End of Theory: Will Data Deluge and Machine Learning Make the Scientific Method Obsolete? (invited GRADUATE PAPER)

17:00 Jakub Dakowski. Isomorphism between Sudoku and proof systems and its application in Sudoku solving

17:20 Roxanne Smith. Conceptual engineering and the harms of AI bias

17:50 Mariusz Mazurek. The problem of existence of virtual objects

18:20-18:50 Robin Hill. The Argument Against Fact Check

18:50-19:00 Break

Special lecture in Symbiotic Computing

19:00-20:00 Break Mark Burgin, Rao Mikkilineni. Symbiotic Computing: A methodological analysis

20:10 Joint session 2: APC-BICA Andrew Targowski – Philosophy of Education: *THE PANORAMIC LEADERSHIP AS A NEW PARADIGM OF TEACHING IN THE AGE OF COMMON DIGITALIZATION*

Thursday, September 16:

16:00-19:00 UTC APC Session Information and Computing

16:00-16:30 Riccardo Manzotti. Information is (only) probability 8:00

16:30-17:00 Max Talanov, Neuroprosthetics and neurosimulations technologies

17:30-18:00 Magnus Johnsson. Perceptions, imagery, memory and consciousness in man and machine

18:30-20:00 Social Philosophy

18:30-18:35 Introductions

18:35 Aníbal Monasterio Astobiza; Txetxu Ausín; Belén Liedo; Mario Toboso; Manuel Aparicio; Daniel López. Ethical governance of AI in the global south: A Human rights approach to responsible use of AI

19:10 Aleksander Bobko. Freedom of speech – European tradition and new challenges

19:35- 20:00 Dustin Gray. The Will to Submit: Surveillance Technologies and Autonomy

Friday, September 17:

Block 2: APC (Peter Boltuc) 13:00-16:00 UTC

13:00-14:30 **Ben Goertzel**: *Exploring open-ended intelligence using patternist philosophy*

14:30-16:00 **Plenary Panel: Stephen Thaler** [Discovery Engines]; **Kate Gaudry** [Kilpatrick Townsend & Stockton LLP]; Peter Boltuc [UIS;WSE]; David Kelley [BCG]: *Artificial Inventors, AI, Law and Institutional Economics*

16:10-18:10 UTC APC PHAEDE I Viorel Guliciuc, Waiting for the first AI enrolled in a philosophy/social sciences/humanities program

16:00 Lorenzo Magnani. The Uniqueness of the Unlocked Character of Human Creative Abductive Inferences

Colin T. A. Schmidt, Natural or artificial: Life with a cursor?

L. Dan Milici. Is AI capable of generating an ethic to save the planet and contemporary society?

Denisa Lepădatu. Computing the human and humanizing computers

18:10 UTC-20:15 APC PHAEDE II Viorel Guliciuc. For an ethnology of AGIs moralities

Selmer **Bringsjord**. Can the Right Math Foil Superhuman, Unethical AGIs? Yes

Kuruvilla Joseph Pandikattu SJ. AGI and Morality: Sense and Nonsense of Morality without Will and Body

Bogdan Popoveniuc. Ethical AI is a Moral Simulacra

Viorel Guliciuc. Could we speak about a moral identity of AI?

Saturday, September 18:

3:00-3:55 UTC APC

3:00 Simon Duan. Platonic Computer – The universal machine from which everything is produced

3:30 Pawel Polak, Roman Krzanowski. Ontology and AI Paradigms

Block 1: 4:00-7:00 UTC

1) APC (Peter Boltuc) (90 min.)

4:00-4:30 Oron Shagrir [Hebrew University of Jerusalem] **Two kinds of computational indeterminacy**

4:30-5:30 Jun Tani [OIST] **Exploring robotic minds using free energy minimization principle**

16:00-17:30 UTC APC Gary Mar, Gödel, Church, and Turing in Retrospect

16:00-16:30 Oron Shagrir. Who is the human computer?

16:30-17:00 Nathan Salmón. The Decision Problem for Effective Procedures

17:00-17:30 Gary Mar. Gödel on the Creativity of Mathematics versus Turing's Mechanistic View of the Mind: An Irreconcilable Dichotomy?

17:30-20:30 APC Computer Ethics

17:30 Mark Waser. AGI, Consciousness & Morality

18:00 Vincent C. Müller & Alexandre Erler. The ethics of AI as IA

18:30 Sean Welsh. An Ethical and Technical Examination of ICRC's Call for Regulation of Autonomous Weapons

19:00 Léo Trocmé—Nadal. Ecological big data: between hybridization of old scientific traditions and novel transformations of research practices in ecology.

19:30 Susan Castro. "Paradigms for Smart Farming: Chemical, Ecological, Algorithmic"

20:00- 20:30 APC – Association for Philosophy and Computing – following up on the APA Committee on Philosophy and Computes. Discussion for members and all curious or interested.