CET	Day 1, December 16, Thursday, 2021	
9:30-10:00	Opening of the conference: Prof. Pawel Polak, Introduction: Prof. Michal Heller	
	Session Chair: Roman Krzanowski	
10:00-11:00	Opening Lecture Natural Information, Computation, Cognition and Intelligence: In the Search of Common Framework for Natural and Artificial Cognition and Intelligence	Gordana Dodig Crnkovic
11:00-11:30	Models, Mechanisms and Organisms in Turing and Ashby	Hajo Greif
11:30-12:00	What's wrong with the Theory of Evolution from the Turingian Perspective?	Adam Paweł Kubiak
12:00-13:00	Break	
	Session Chair: Wojciech P. Grygiel	
13:00- 13:30	Modelling Interactive Computing Systems : Do We Have a Good Theory of What Computers Are?	Alice Martin Mathieu Magnaudet
13:30-14:00	The Role of Expert Knowledge in Big Data and Machine Learning	Paula Quinon Jens Ulrik Hansen
14:00-14:30	Meta-Ontology of AI Paradigms	Roman Krzanowski Pawel Polak
14:30-15:00	Deconstructing an algorithm. Intentionalities and socio-computing infrastructures	Javier Toscano
15:00-15:15	Break	
	Session Chair: Paweł Polak	
15:15-15:45	Is information something ontological, or physical or perhaps something else? Some remarks on R. Krzanowski approach to concept of information	Łukasz Mścisławski
15:45-16:15	Information Emergentism and Transformations	Kiran Pala
16:15-16:45	Unsupervised Discoveries, Understanding, and Semantic Opacity	Phillip Hintikka Kieval
	Day 2, December 17, Friday, 2021	
	Session Chair: Paweł Stacewicz	
9:30-10:00	Computational psychiatry from an epistemological perspective. How computational paradigm can facilitate the analysis of complex mental disorders?	Marcin Rządeczka
10:00-10:30	The project of coherent extrapolated volition as a tool for building confidence for decisions made by autonomous machines	Krzysztof Sołoducha
10:30-11:00	Machine Learning and Essentialism	Kristina Šekrst Sandro Skansi
11:00-12:00	Break	
	Session Chair: Sławomir Leciejewski	
12:00-12:30	A Means-End Account of Explainable Artificial Intelligence	Oliver Buchholz

12:30-13:00	**Using Correspondence Theory of Semantic Information to Understand Neural Representational Similarity'**	**Wojciech Mamak**
13:00-13:30	**The Dual-Process Attribution of Artificial Intelligence Agency**	**Marcin Rabiza**
13:30-13:45	**Break**	
	Session Chair: Soloducha Krzysztof	
13:45-14:15	**Between Open and Closed World Assumptions The Epistemology of Information System Ontologies**	**Timothy Tambassi**
14:15-14:45	**Aligning computational models of temporal phenomena with data through category theory**	**Ábel Ságodi**
14:45-15:15	**Information and ontogenesis in Simondon**	**Josh Lalonde**
15:15-15:30	**Closing remarks** **Prof. Pawel Polak**	