

Thursday, May 20

Aula Collegium Novum of the Jagiellonian University

9:30	Opening Michał Heller , Director of the Copernicus Center for Interdisciplinary Studies Karol Musioł , Rector of the Jagiellonian University
Morning Session	
9:45 – 10:35	Simon Saunders - Natural necessity: mathematics and structural realism
10:35 – 11:25	James Ladyman - Three claims about symmetries in physics from "The Road to Reality"
11:25 – 12:00	Coffee break
12:00 – 12:50	Shahn Majid - Quantum Born reciprocity and the cosmological constant
12:50 – 13:40	Józef Życiński - Plato, Penrose and Ellis: Ontological Platonism in Foundations of Mathematics
13:40	Lunch break

Auditorium Maximum of the Jagiellonian University, Krupnicza 33

17:00 – 19:00	Sir Roger Penrose - Aeons before the Big Bang
20:00	Reception

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Morning Session	
9:00 – 9:50	Roman Duda - Deep roots of mathematics
9:50 – 10:40	Bogdan Dembiński - Peri ideon logikos
10:40 – 11:00	Coffee break
11:00 – 11:50	Krzysztof Wójtowicz - Can empirical facts become mathematical truths
11:50 – 12:40	Stanisław Krajewski - Penrose's metalogical argument is unsound
12:40 – 14:30	Lunch break
Afternoon Session	
14:30 – 15:20	Donald Lynden-Bell - Mach's Principle within General Relativity
15:20 – 16:10	Gordon McCabe - The non-unique universe
16:10 – 16:30	Coffee break
16:30 – 17:20	Leszek Sokołowski - On the abuse of gravity theories in cosmology
17:20 – 18:10	Wojciech Grygiel - Hawking and Penrose – one physics, two philosophies?
18:10	Closing of the Conference