

XXI CRACOW INTERNATIONAL METHODOLOGICAL CONFERENCE ON WHAT EXISTS IN PHYSICS

October 5-6/2017/

Polish Academy of Arts and Sciences
Ślawkowska 17, Kraków

October 5 /Thursday/

10.00 - 10.10 Opening

10.10 - 10.55 Z. Liana, Methodological Aspects of Existence

10.55 - 11.10 Discussion

11.10 - 11.55 A. Kałuszyńska - Unity of Mind and Matter

11.55 - 12.10 Discussion

12.10 - 12.40 Coffee break

12.40 - 13.25 T. Placek- Real possibilities: does physics say they exist?

13.25 - 13.40 Discussion

14.00 - 16.00 Lunch break

16.00 - 16.45 C. Kiefer - Does the quantum mechanical wave function exist?

16.45 - 17.00 Discussion

17.00 - 17.45 P. Horodecki - Quantum contextuality: on some kind of nonexistence
and its possible application in information transmission

17.45 - 18.00 Discussion

October 6 /Friday/

9.00 - 9.45 K. Meissner - Plato vs Aristotle in Modern Physics

9.45 - 10.00 Discussion

10.00 - 10.45 A. Zalewska - Known and missing fundamental particles

10.45 - 11.00 Discussion

11.00 - 11.30 Przerwa kawowa

11.30 - 12.15 M. Bersanelli - On the Observability of the Early Universe

12.15 - 12.30 Discussion

13.00 - 15.00 Lunch break

15.00 - 15.45 M. Eckstein - Does Space-Time exist?

15.45 - 16.00 Discussion

16.00 - 16.45 E. Malec - Black holes: do they exist?

16.45 - 17.00 Discussion

17.00 - 18.00 Discussion panel: M. Heller (chair), A. Zalewska, M. Bersanelli,
K. Meissner, C. Kiefer, T. Placek, E. Malec.

18.00 Summary and closing remarks: M. Heller