

5th International Ontological Workshop

Topological Philosophy

Warsaw, February 8 – 9, 2016

at the International Center for Formal Ontology (ICFO)

affiliated with the Faculty of Administration and Social Sciences, Warsaw University of Technology, Poland.

The planned theme of the Workshop is “Topological Philosophy”. We will focus on the use of topological concepts and topological tools in philosophy, especially in the ontology (but not exclusively). All accepted papers will be included in the pre-proceedings available at the conference.

Organizing Committee:

Head: Prof. Mirosław Szatkowski (International Center for Formal Ontology, Warsaw, Poland,
& University of Munich, Germany)

Dr. Bartłomiej Skowron (International Center for Formal Ontology, Warsaw)

Workshop Schedule

Monday, February 8

9.00 Opening Address

Chair: Peter Simons

9.15 – 10.00 Thomas Mormann (University of the Basque Country) – (De)constructing Points: From Topology to Mereology and Back

10.00 – 10.45 Ian Pratt-Hartmann (University of Manchester, UK) – A Skeptical Look at Region-Based Theories of Space

10.45 – 11.30 Rafał Gruszczyński (Nicolaus Copernicus University in Toruń, Poland) – Half-Planes, Ovals and Spheres. Point-Free Systems of Affine and Euclidean Geometry

11.30 – 12.00 Coffee

Chair: Achille Varzi

12.00 – 12.45 Peter Simons (Trinity College Dublin, Ireland) – Connectedness and Ontological Unity

12.45 – 13.30 Janusz Kaczmarek (University of Łódź, Poland) – Mathematical Tools in Ontology of Ideas, Concepts and Individuals

13.30 – 15.00 Lunch

Chair: Tomasz Bigaj

15.00 – 15.30 Laurenz Hudetz (University of Salzburg, Austria) – Representing Points as Classes of Mereotopologically Structured Basic Entities

15.30 – 16.00 Bartłomiej Skowron (International Center for Formal Ontology, Warsaw University of Technology; Pontifical University of John Paul II in Kraków, Poland) – Perzanowski’s Combination Ontologic in Hilbert’s Cube

16.00 – 16.30 Coffee

Chair: Samuel Fletcher

16.30 – 17.00 Romain Dufêtre (Université Paris I Panthéon – Sorbonne, France) – Holism, Porosity and Topological Philosophy. A Set-Theoretical Introduction
17.30 – 18.00 Nasim Mahoozi (University of Barcelona, Spain) – Can Topology Justify “Vague Existence”?
18.00 – 18.30 Benjamin Feintzeig (University of California, USA) – Topological Considerations in the Construction of Quantum Theories
19.30 Gala Dinner

Tuesday, February 9

Chair: Thomas Mormann

9.00 – 9.45 Achille Varzi (Columbia University, USA) – The Boundaries of Things: Where Topology Meets Metaphysics

9.45 – 10.30 Tomasz Placek (Jagiellonian University, Poland) – Bifurcating Universes Without Bifurcating Paths

10.30 – 11.15 Tomasz Bigaj (University of Warsaw, Poland; University of Bristol, UK) & John Dougherty (University of California, USA) – On the Topological Approach to the Metaphysical Problem of Indistinguishable Quantum Particles

11.15 – 11.45 Coffee

Chair: Alexander Zuevsky

11.45 – 12.30 Marek Kuś (Center for Theoretical Physics, Polish Academy of Sciences, Poland) – What Topology Can Offer Physics. Topological Constraints and Predictions in Classical and Quantum Worlds.

12.30 – 13.15 Samuel Fletcher (Munich Center for Mathematical Philosophy, Germany & University of Minnesota, Twin Cities, USA) – Topological Structure on Scientific Theories

13.30 – 15.00 Lunch

Chair: Janusz Kaczmarek

15.00 – 15.45 Nikolay Milkov (University of Paderborn, Germany) – Wittgenstein’s Ways

15.45 – 16.30 Andrzej Leder (Polish Academy of Sciences, Poland) – In What Kind of Space Husserl’s Lectures on the Phenomenology of the Consciousness of Internal Time Take Place?

16.30 – 17.15 Stefano Papa (University of Vienna, Austria) – Time Granularity and the Formal Ontology of Time-Awareness. A Husserlian Argument for a Topology of Temporal Information

17.15 – 17.30 Closing Address