

Seventh International Conference on the Nature and Ontology of Spacetime

Conference program

Talks - 45 min + 15 min question period

Only a (Windows) laptop with a projector for the presentations will be available; make sure you have a PDF version of your presentation (for more details see the Program page on the conference site)

Monday, September 16, 2024

9:00 - Registration

9:25 - 9:30 Welcome Remarks

Chair: tab

9:30-10:15 - Asher Yahalom (Center for Astrophysics, Geophysics, and Space Sciences (AGASS), Ariel University), The Minkowski Metric and Beyond

10:15-11:00 - Andrzej Radosz (Wroclaw University of Science and Technology), If homogeneous and isotropic Universe is infinite, then ...

11:00-11:30 - [Coffee break and discussions](#)

11:30-12:15 - Bruce M. Boman (Department of Mathematical Sciences, University of Delaware), Origin of the Universe - Asking the Right Questions

12:30-14:00 - [Lunch](#)

Chair: Kley Ewing (Cape Breton University)

14:00-14:45 - Călin Galeriu (Military Technical Academy "Ferdinand I", Bucharest, Romania, affiliated member of Minkowski Institute), The illusion of acceleration in the retarded Lienard-Wiechert electromagnetic field

14:45-15:15 - [Coffee break and discussions](#)

15:15-16:00 - [Panel Discussion on Open Questions in Spacetime Physics](#)

$$d\tau = \sqrt{dt^2 - dx^2 - dy^2 - dz^2}$$

Tuesday, September 17, 2024

Chair: Prakash Bhat

9:30-10:15 - Tuomas Pernu (University of Eastern Finland), Spacetime Symmetries and the Problem of Free Will

10:15-11:00 - Kyley Ewing (Cape Breton University), Time, Free Will, and Responsibility

11:00-11:30 - [Coffee break and discussions](#)

11:30-12:15 - Zixuan Liu (Husserl-Archive of University of Cologne), How Time Flies: On the Velocity and Subjectivity of Temporal Flow

12:30-14:00 - [Lunch](#)

Chair: Hou Yau (San Francisco State University)

14:00-14:45 - Nikola Pirovski (Laboratory of Anthropology, Stara Zagora, Bulgaria), The Human as a Time Structure

14:45-15:15 - [Coffee break and discussions](#)

15:15-16:00 - [Panel Discussion on Becoming and the Nature of Time](#)

$$d\tau = \sqrt{dt^2 - dx^2 - dy^2 - dz^2}$$

Wednesday, September 18, 2024

Chair: Zixuan Liu (Husserl-Archive of University of Cologne)

9:30-10:15 - Kyley Ewing (Cape Breton University), Fragments of Time

10:15-11:00 - Hou Yau (San Francisco State University), Proper Time Oscillator

11:00-11:30 - Coffee break and discussions

11:30-12:15 - Vesselin Petkov (Minkowski Institute, Montreal), Minkowski's actual and intended contributions to spacetime physics

12:30-14:00 - Lunch

Chair: Calin Galeriu (Military Technical Academy "Ferdinand I", Bucharest)

14:00-14:45 - Panel Discussion on the Nature of Spacetime

14:45-15:15 - Coffee break and discussions

15:15-16:00 - Panel Discussion on the Nature of Spacetime (continued)

$$d\tau = \sqrt{dt^2 - dx^2 - dy^2 - dz^2}$$

Thursday, September 19, 2024

Chair: tba

9:30-10:15 - Lan Fu (China Astronaut Research and Training Center), The Models of Primary Particles

10:15-11:00 - Charlie Dawson, A Spacetime Model that Makes the Wave Function Real

11:00-11:30 - Coffee break and discussions

11:30-12:15 - Prakash Bhat, MatterSpaceTime (MST) Theory

12:30-14:00 - Lunch

Chair: Charlie Dawson

14:00-14:45 - Panel Discussion on the Nature of Gravitation

14:45-15:15 - Coffee break and discussions

15:30 - Excursion to Cape Kaliakra

$$d\tau = \sqrt{dt^2 - dx^2 - dy^2 - dz^2}$$