

EmQM17 | Day 3: Saturday, October 28th 2017

Chair: Paavo Pylkkänen

- 9:00–9:15 Paavo Pylkkänen and Jan Walleczek
Introduction to Day Three of the EmQM17 Symposium
- 9:15–10:00 **KEYNOTE LECTURE**
Huw Price (*University of Cambridge, UK*)
Two Paths to the Parisian Zigzag
- 10:00–10:30 Kenneth Wharton (*San Jose State University, USA*)
Live Options for Spacetime-Based Physics
- 10:30–10:45 Coffee Break
- 10:45–11:15 Emily Adlam (*University of Cambridge, UK*)
A Tale of Two Anachronisms
- 11:15–11:35 Nathan Argaman (*Nuclear Research Center Negev, Beer Sheva, IL*)
A Lenient Causal Arrow of Time?
- 11:35–12:00 Jan Walleczek (*Phenosience Laboratories, Berlin, DE*)
Nonlocality or Local Retrocausality? – The Non-signalling Theorem in
Ontological Quantum Mechanics
- 12:00–13:30 Lunch Break

Chair: Jan Walleczek

- 13:30–14:15 **KEYNOTE LECTURE**
Sir Roger Penrose (*University of Oxford, UK*)
Space-Time Quantum Non-Locality: Does Palatial Twistor Theory Suggest
an Objective Mathematical Framework?
- 14:15–14:45 Stuart Hameroff (*University of Arizona, Tucson, USA*)
Anesthesia, Consciousness, Bohm and Penrose
- 14:45–15:15 Paavo Pylkkänen (*University of Helsinki, FI, and University of Skövde, SE*)
The quantum potential – classical or something entirely new?
- 15:15–15:30 Coffee Break
- 15:30–16:00 William Seager (*University of Toronto, CA*)
One or Many
- 16:00–16:20 Nikolaus von Stillfried (*Phenosience Laboratories, Berlin, DE*)
Does the wave function refer to the (proto)phenomenal? Exploring a
radical hypothesis about consciousness based on a Bohm-type
interpretation of quantum physics
- 16:20–16:40 Andrei Khrennikov (*Linnaeus University, Växjö, SE*)
Bohmian model outside of physics
- 16:40–16:50 Anthony Aguirre, Max Tegmark, Jan Walleczek
Foundational Questions Institute (FQXi) – Fetzer Franklin Fund (FFF)
Joint Grant Awards Program Launch
- 16:50–17:00 Closing Ceremony and Book Announcement
- 19:00–23:00 Gala Dinner