

Title: Process Ontological Foundations of Quantum Gravity - with broader implications for consciousness and society

Name: Dr. Jesse S. Bettinger
The Bellwether Institute; Claremont, CA, 91711, USA
Center for Process Studies; Claremont, CA 91711, USA

Currently we find ourselves on the precipice of two converging worldviews amidst the pursuit for a unified field theory: reductive-determinism v. emergent-process/event ontologies. Working under the rubric of quantum gravity to discover the fundamental dynamics governing nature, the cosmos and consciousness, we also find ourselves positioned also at the hearth of the human narrative. Recently, a number of critical thinkers and computational analysists in mathematical physics and cosmology have begun to introduce implicit ontological considerations that prove to be of the utmost importance for framing a theory of nature (see e.g., Wuthrich, 2005; Dawid, 2013; 2016; Verlinde, 2010). In this talk I will show how such lines of thinking are nothing new, and that a tried and true philosophy of nature (or cosmology, proper) stands to be realized in terms of what I call an "operational process logic." It stands to reason the framework(s) we choose will make all the difference when it comes to the applications and end-result of our models—and by extension, the next chapter of our human narrative. This presentation is meant to make the implications of the two trajectories univocal.

Biography

Dr. Bettinger completed his PhD in 2015 at the Claremont Graduate University and a postdoctoral appointment at Hong Kong Polytechnic University. He is the executive director of the Bellwether Institute, a premier eeucational research nonprofit organization. He has published three papers in reputed journals and has been serving as an editorial board member of Neuroquantology, Philosophy Study, and Centivens.

Presenting author details
Full name: Dr. Jesse S. Bettinger
Contact number: (310) - 210-5724
Twitter account: n/a
Linked In account: https://www.linkedin.com/in/jesse-bettinger-phd-3b075823/
Session name/ number:
Category: (Oral presentation/ Poster presentation)