

Jury report for the Hanneke Janssen Memorial Prize 2020.

The jury received four nominations this year on a variety of topics, and was impressed by the high level of competence and talent shown by all of them.

We have decided unanimously to award this year's Hanneke Janssen Memorial Prize to Emilia Margoni for her Thesis *An investigation into temporal becoming within timeless strategies in physics*, submitted to the Sapienza University in Rome.

This Thesis discusses the question of whether and how the metaphysical notion of "becoming" relates to the treatment of time in modern physical theories.

In particular, this question is analyzed in two recent approaches, namely Julian Barbour's "shape dynamics" and Carlo Rovelli's "evolving constant approach".

The jury was impressed with the remarkable erudition of the author and the well-written presentation of the topic and particularly admired the ambition and scope of its project. The Thesis covers a broad historical and philosophical background, ranging from the 17th century debate between Newton and Leibniz, notoriously difficult works like Alfred Whitehead's process ontology to current work in quantum gravity.

The Jury

Jos Uffink

Klaas Landsman

Christoph Lehner

Michiel Seevinck.