

## Exploring the 'Many Worlds' Interpretation in Both a Philosophical and Creative Literary Framework

**Authors :** Jane Larkin

**Abstract :** Combining elements of philosophy, science, and creative writing, this investigation explores how a philosophically structured science-fiction novel can challenge the theory of linearity and singularity of time through the 'many worlds' theory. This concept is addressed through the creation of a research exegesis and accompanying creative artefact, designed to be read in conjunction with each other in an explorative, interwoven manner. Research undertaken into scientific concepts, such as the 'many worlds' interpretation of quantum mechanics and diverse philosophers and their ideologies on time, is embodied in an original science-fiction narrative titled, It Goes On. The five frames that make up the creative artefact are enhanced not only by five leading philosophers and their philosophies on time but by an appreciation of the research, which comes first in the paper. Research into traditional approaches to storytelling is creatively and innovatively inverted in several ways, thus challenging the singularity and linearity of time. Further nonconventional approaches to literary techniques include an abstract narrator, embodied by time, a concept, and a figure in the text, whose voice and vantage point in relation to death furthers the unreliability of the notion of time. These further challenge individuals' understanding of complex scientific and philosophical views in a variety of ways. The science-fiction genre is essential when considering the speculative nature of It Goes On, which deals with parallel realities and is a fantastical exploration of human ingenuity in plausible futures. Therefore, this paper documents the research-led methodology used to create It Goes On, the application of the 'many worlds' theory within a framed narrative, and the many innovative techniques used to contribute new knowledge in a variety of fields.

**Keywords :** time, many-worlds theory, Heideggerian philosophy, framed narrative

**Conference Title :** ICPLM 2023 : International Conference on Philosophy, Law and Morality

**Conference Location :** Tokyo, Japan

**Conference Dates :** May 22-23, 2023