

## On the measurement problem in quantum mechanics

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Why do things pop into existence once they are observed? And why do they seemingly disappear once we lose track of them? Bohmian mechanics (de Broglie-Bohm theory) is one of many interpretations of quantum mechanics. It postulates existing states even when they are unobserved and resolving the measurement problem by so called non-locality. In this presentation we shall explore this theory further and discuss the measurement problem.

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