

# The Dynamic Theory of Time and Time Travel to the Past

Ned Markosian

University of Massachusetts – Amherst

markosian@umass.edu

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**Abstract:** I argue that time travel to the past is impossible, given a certain metaphysical theory. The metaphysical theory is sometimes called The Dynamic Theory of Time. I first spell out my way of capturing the difference between The Dynamic Theory and its rival, The Static Theory of Time. Next I offer four different reasons for thinking that The Dynamic Theory is inconsistent with the possibility of time travel to the past. Then I argue that, even if I am wrong about The Dynamic Theory entailing that time travel to the past is impossible, it will still be true that The Dynamic Theory entails that *you should not want* to travel back to the past.