

# Physics Meets Philosophy at the Planck Scale

callender, craig and huggett, nicholas (2001) Physics Meets Philosophy at the Planck Scale.

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## Abstract

This is the table of contents and first chapter of *Physics Meets Philosophy at the Planck Scale* (Cambridge University Press, 2001), edited by Craig Callender and Nick Huggett. The chapter discusses the question of why there should be a theory of quantum gravity. We tackle arguments that purport to show that the gravitational field \*must\* be quantized. We then introduce various programs in quantum gravity and discuss areas where quantum gravity and philosophy seem to have something to say to each other.

**Keywords:** quantum gravity  
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