## Sixteenth Marcel Grossmann Meeting



Contribution ID: 684

Type: Invited talk in the parallel session

## Time in quantum gravity: a false problem.

Thursday, 8 July 2021 16:30 (25 minutes)

Many tentative quantum gravity theories, from the Wheeler-deWitt equation to Loop Quantum Gravity, do not specify a time variable, and yet they are predictive. The discussion to clarify this strangeness has been long, but has been resolved and the issue should not be controversial anymore. I give a rapid and simple overview of the solution.

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Track Classification: History of Relativity: Time and Philosophy in Physics