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Geometric Event-Based quantum mechanics (GEB): a fully covariant relativistic quantum mechanics

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I present a fully covariant framework for quantum mechanics, where the quantization is based on quantum events instead of quantum systems. The dynamics is introduced through constraints. Hopefully, this means that the same framework can be extended also to general relativity (up to now we developed only the special relativistic case), where it should account for CTCs using the, previously developed, post-selected teleportation mechanism p-CTC that is based on constraint equations and can account for CTCs in quantum mechanics.

Primary author: Prof. MACCONE, Lorenzo (Università di Pavia, INFN Sez. Pavia)

Presenter: Prof. MACCONE, Lorenzo (Università di Pavia, INFN Sez. Pavia)

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