

Abstract Submitted  
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**A concise symplectic formulation for tetrad gravity**<sup>1</sup> JUAN MARGALEF-BENTABOL, Pennsylvania State University — In this talk I will discuss a simple symplectic formulation for tetrad gravity that leads to the real Ashtekar variables in a direct and transparent way. It also sheds light on the role of the Immirzi parameter and the time gauge usually consider in the Hamiltonian formulation.

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