



Project Goals: Our project focuses on identifying the role of electric dominance (E > B) in the early stages of particle acceleration in relativistic magnetic reconnection with vanishing guide fields. This is relevant to address the question of how particles are 'injected' into later stage non-thermal acceleration (denoted the **injection problem**) by ideal fields. Such non thermal particles play a key role in determining the observables from the magnetospheres of black holes and neutron stars.



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The Role of Electric Dominance (E > B) for Particle Injection in **Relativistic Reconnection**

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