

BLACK HOLES IN DENSE STAR CLUSTERS
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TITLE: Physical Processes Important for Early Black Hole Growth

SPEAKER: Tom Abel (Stanford)

There is a long list of physical processes relevant in predicting how rapidly early stellar seed black holes are growing and how they may react back on the galaxies forming around them. This talk aims to give a high level overview of what we have already learned from existing calculations and point towards a path forward to increase the realism in the state of the art of black hole growth simulations.