

# Theory benchmarks for IceCube-Gen2

*Tuesday, 5 May 2015 15:00 (20 minutes)*

We discuss quantitative benchmarks from theoretical models for the optimization of the next generation volume upgrade of IceCube. Examples include the perspectives for flavor identification, the searches for GRBs, and the potential to use the Glashow resonance to discriminate  $p\bar{p}$  from  $p\gamma$  interactions.

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