

APR12-2012-000278

Abstract for an Invited Paper
for the APR12 Meeting of
the American Physical Society

Theoretical remarks on top quark physics¹

ZACK SULLIVAN, Illinois Institute of Technology

I will present a theoretical overview of top quark physics. I will discuss the status of theoretical descriptions of top quark production and decay at hadron colliders, with an emphasis on recent theoretical improvements. In addition, I will describe the use of top quarks as tools for probing new dynamics and states.

¹This work is supported by the U.S. Department of Energy under contract No. DE-FG02-94ER40840.