

TSF17-2017-000310

Abstract for an Invited Paper
for the TSF17 Meeting of
the American Physical Society

Cartoon Physics: Elementary/Middle School Edition

KENRIC DAVIES, PTRA and Liberty High School, Plano

In this session, we will analyze scenes from cartoons like Coyote and Roadrunner, Speedy Gonzales, and cartoon movies using physics concepts taught in the elementary and middle grades. Teachers will go through hands on experiments that their students can do to test whether the cartoon scenes showed good or bad physics. Teachers will also use the CER (Claim, Evidence, and Reasoning) method of developing good scientific explanations that are grade level appropriate. This is a PTRA approved workshop.