

Abstract Submitted
for the APR20 Meeting of
The American Physical Society

Teaching Introductory Physics through Interactive Simulations

HUEY-WEN LIN¹, PENG PENG ZHANG, Michigan State Univ, JAIDEEP SINGH², FRIB/Michigan State University — We designed teachable units to be incorporated into small-group activities in a traditional Introductory Physics classroom with $O(200)$ students. Interactive HTML5 games are used with a guided worksheet for students to achieve a 3D learning experience. Assessment-test results are presented with and without this teachable unit.

1

2

Huey-Wen Lin
Michigan State Univ

Date submitted: 10 Jan 2020

Electronic form version 1.4