

CSAAPT Spring 2023 Semi-Virtual Meeting



Chesapeake Section of the
American Association of Physics Teachers
Spring 2023 Semi-Virtual Meeting
April 1, 2023 @ **JAMES MADISON UNIVERSITY.**

Contribution ID: 20

Type: **talk (15-minute)**

Using Demonstrations to Engage Students in Lecture

Saturday, April 1, 2023 1:45 PM (15 minutes)

It's commonly received wisdom in physics teaching that practical demonstrations make a lecture course more exciting for the students. But how do we present demonstrations in a way that encourages students' active engagement with the topic? How do we move from merely showing a demonstration, to getting students to ask questions and make predictions? How do we choose demonstrations that will help the students make the leap to understanding the underlying physics?

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