

## 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: 1

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

### **A case for rudimentary labs.**

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

Science education equipment has made amazing leaps forward in the last 5-10 years. It's easy to get graphs that are of near professional quality. Has any learning happened, or is it just "magic data"? In this presentation I propose that, for intro physics students, using less perfect data collection and/or analysis leads to more learning.

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**Session Classification:** Afternoon Session 1A