

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: 18

Type: talk (15-minute)

Using new, smart, cellphone-controlled telescopes for education and outreach

Saturday, April 1, 2023 2:00 PM (15 minutes)

I will discuss our experimentation with two smart telescopes which have recently become commercially available. These instruments, the eVscope and the Stellina, are controlled using cellphone apps. Setup time is remarkably short and the imaging capabilities of these instruments are very impressive. I will discuss our testing of these instruments in an undergraduate research project and in our observational astrophysics course. Students find these instruments very easy to use. The potential opportunities for educational and outreach applications should be quite good. Both instruments will be on display at the meeting.

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Session Classification: Afternoon Session 1B