

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
Hands-on Space Education and Outreach (8)

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OUTREACH AND SCIENTIFIC RESULTS WITH THE LARGEST NETWORK OF BACKYARD  
ASTRONOMERS

**Abstract**

The Unistellar network is today made of >4000 digital telescopes, called eVscopes. These powerful, easy-to-use and smart devices allow backyard astronomers to enjoy the dark sky but also to contribute to scientific projects in partnership with the SETI Institute. We believe that science can reap an immense harvest from continuous observations of the night sky using those eVscopes while giving the opportunity to people, students, teachers to experience the thrill of space exploration, the next frontier.

We will present outreach activities organized by our network including on-line events due to the COVID-19 restrictions in 2020. This paper will include a discussion on our education programs which aims to connect to our network teachers and students from developing countries in Africa and Asia, as well as native american reservations in the US. Finally, we will describe several scientific results related to the study of exoplanets, asteroids and comets with our network acquired recently.