

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Interactive Presentations - IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (IPB)

Author: Dr. Franck Marchis
SETI Institute, United States, fmarchis@seti.org

Dr. Thomas Esposito
SETI Institute, United States, tesposito@seti.org

Dr. Ryan Lambert
SETI Institute, United States, rlambert@seti.org

Dr. Paul Dalba
SETI Institute, United States, paul.dalba@unistellar.com

NEW ASTRONOMY WITH THE UNISTELLAR NETWORK

Abstract

Astronomy is a science that inspires everyone, which makes it a great tool for expanding scientific literacy. It also has a uniquely powerful ability to make us aware of Earth's value and fragility. And by inspiring people to engage in citizen science, astronomy fosters not only scientific research but also collaborative knowledge-building that's based on a dialogue between experts and amateurs.

The Unistellar network is by far the largest network of telescopes and citizen astronomers around the world, with 10,000 digital telescopes in more than 50 countries. This network has collected more than 1,000 scientific observations in 2021 and our citizen astronomers have helped the NASA Lucy mission, the NASA TESS mission and recently observed JWST on its way to the L2 Lagrange point.

We will present some of the key scientific results achieved in 2021-2022, and future developments in our App and in education to make astronomy, easier, fun, and accessible, but also more inclusive and accessible. This presentation will include as well a discussion on the concept of New Astronomy that will accelerate research space and popularize it by inviting new people to be part of the scientific discussion.