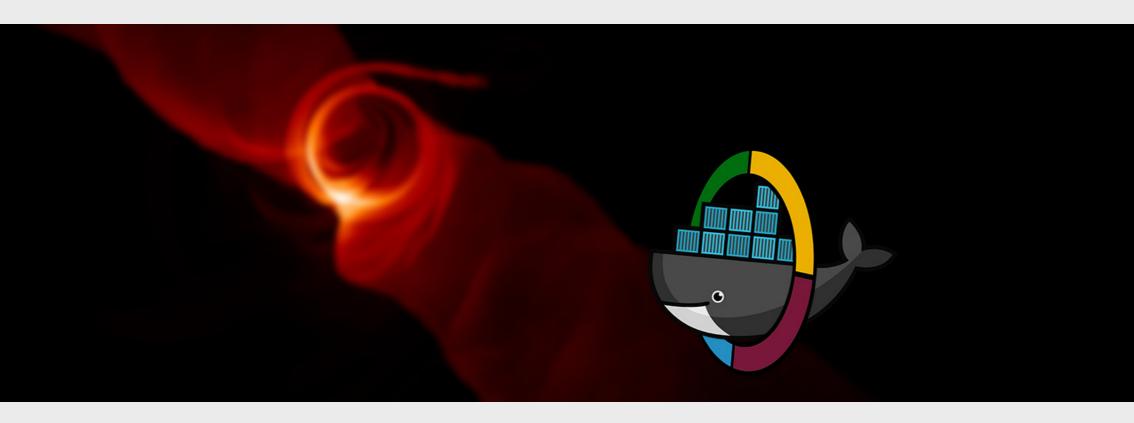# CYVERSE™ AstroContainers Workshop
Learning Docker and Singularity

May 7th and 8th, 2018
University of Arizona, Tucson

Scope: Container technologies such as Docker and Singularity let scientists easily share, reuse, and scale all types of computational analyses. The *CyVerse AstroContainers Workshop* is a two-day hands-on workshop designed for astronomers to learn how to create, use, and deploy containers across a variety of compute systems. We will use a blend of practical theories and hands-on exercises for small groups to deploy tools and workflows they bring to the workshop.

Outcomes:
- Theory and application of container technology
- How to use containerized software developed by other people
- How to containerize software
- How to build/deploy containerized workflows
- How to run your computation on local resources such as CyVerse and UA HPC

BYOD/BYOA: Bring **Y**our **O**wn **D**ata and **A**nalyses. Workshop participants are encouraged to bring their own data and analytical workflows for containerization.

For more information: please visit https://astrocontainers.github.io/2018-05-workshop