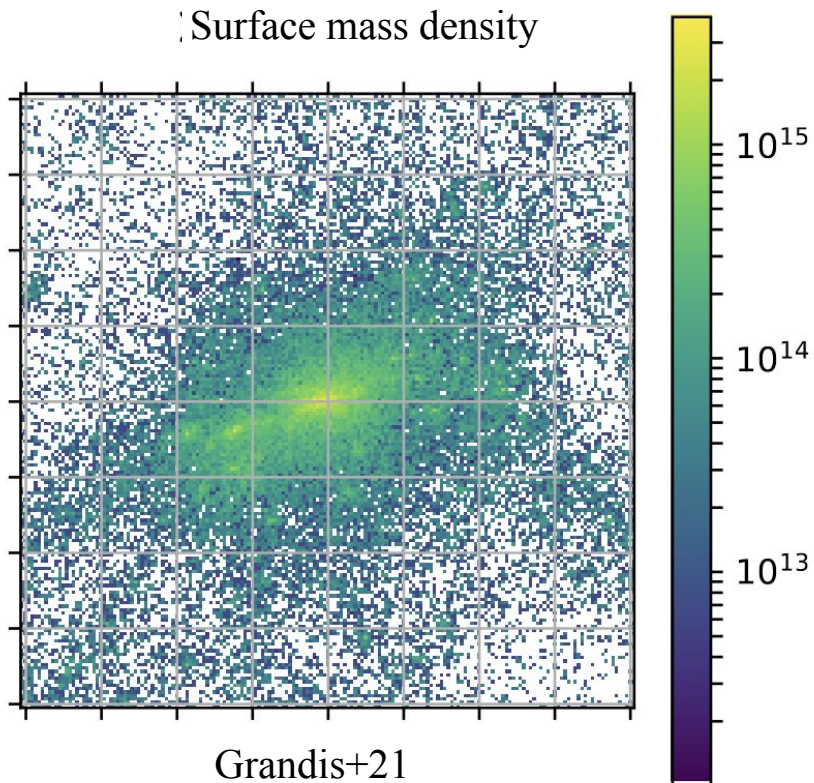


## 2. Weak gravitational lensing by galaxy clusters

Starting from simulated mass distributions of galaxy clusters you will study the anisotropic distortion imprinted onto the shapes of background galaxies & quantify the impact of miscentring



- Tools: partial differential equations
- Theory Prerequisites: Physics I, Analysis, Astrophysics I (rest will be learned on the fly)

