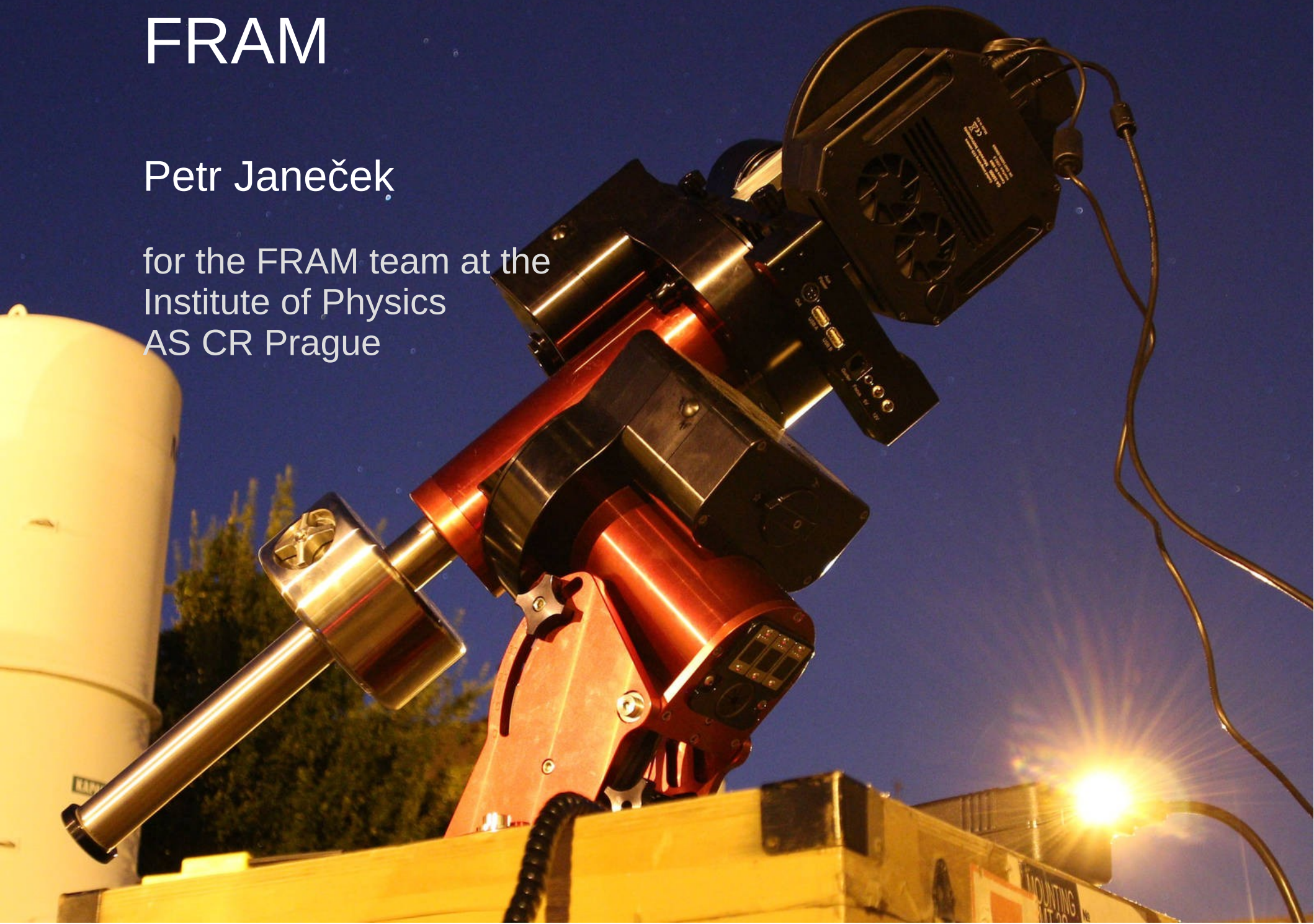


FRAM

Petr Janeček

for the FRAM team at the
Institute of Physics
AS CR Prague



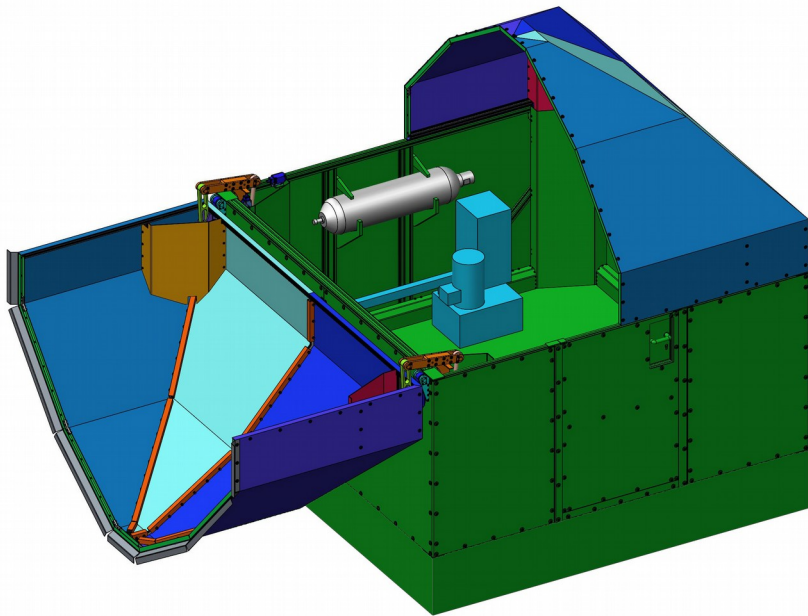
Concept of the FRAM

Robotic telescope with 15 deg. FOV and sensitive camera

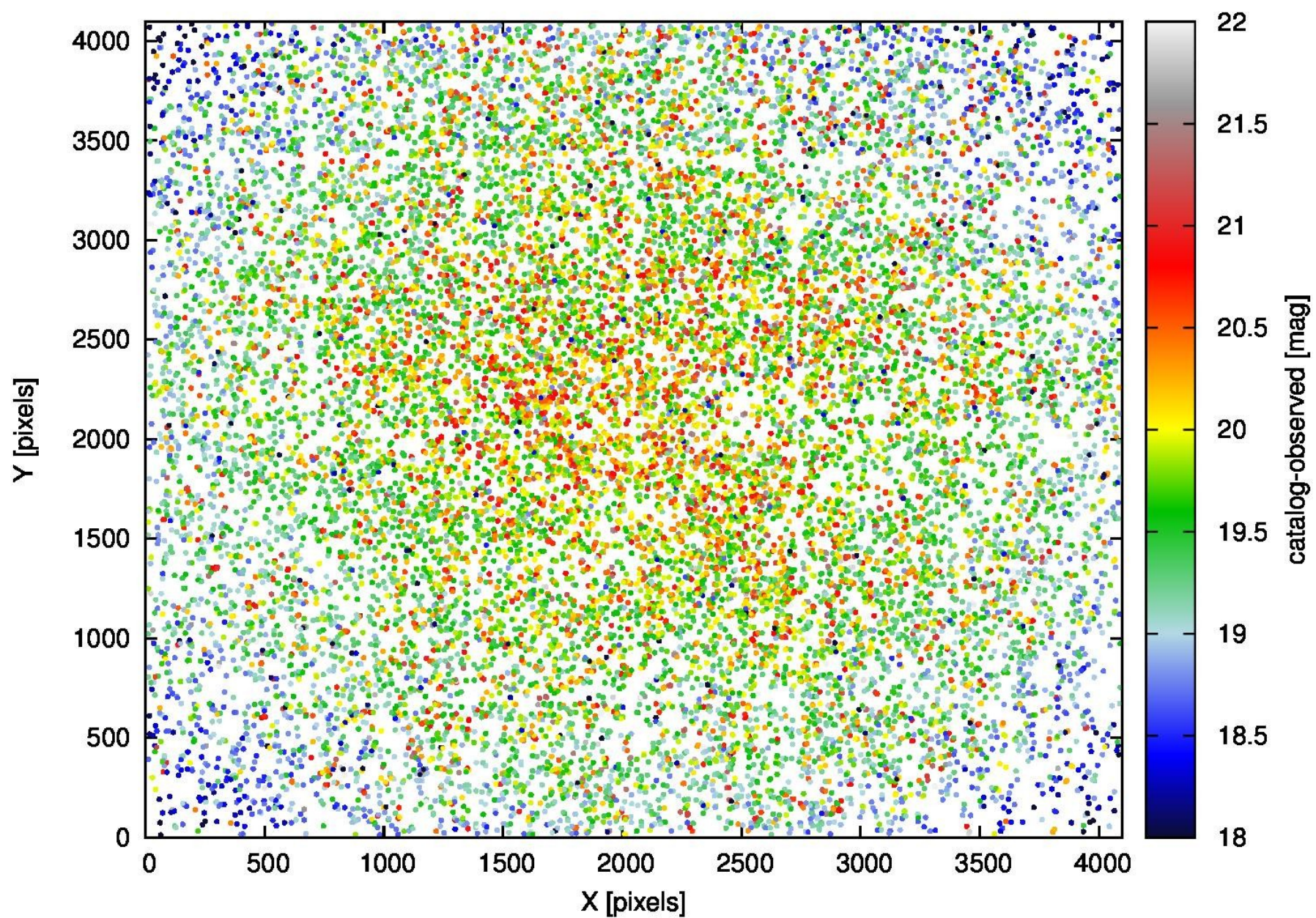
- Atmospheric extinction in the FOV through stellar photometry
- Non-invasive method for the determination of the aerosol content in the atmosphere with high time and spatial resolution
- Star identification in the catalog, comparison
- Careful consideration of effects of uneven field of view, color of the star, long-term development of sensitivity. . .
- Immediate extinction, spatial distribution in the FOV

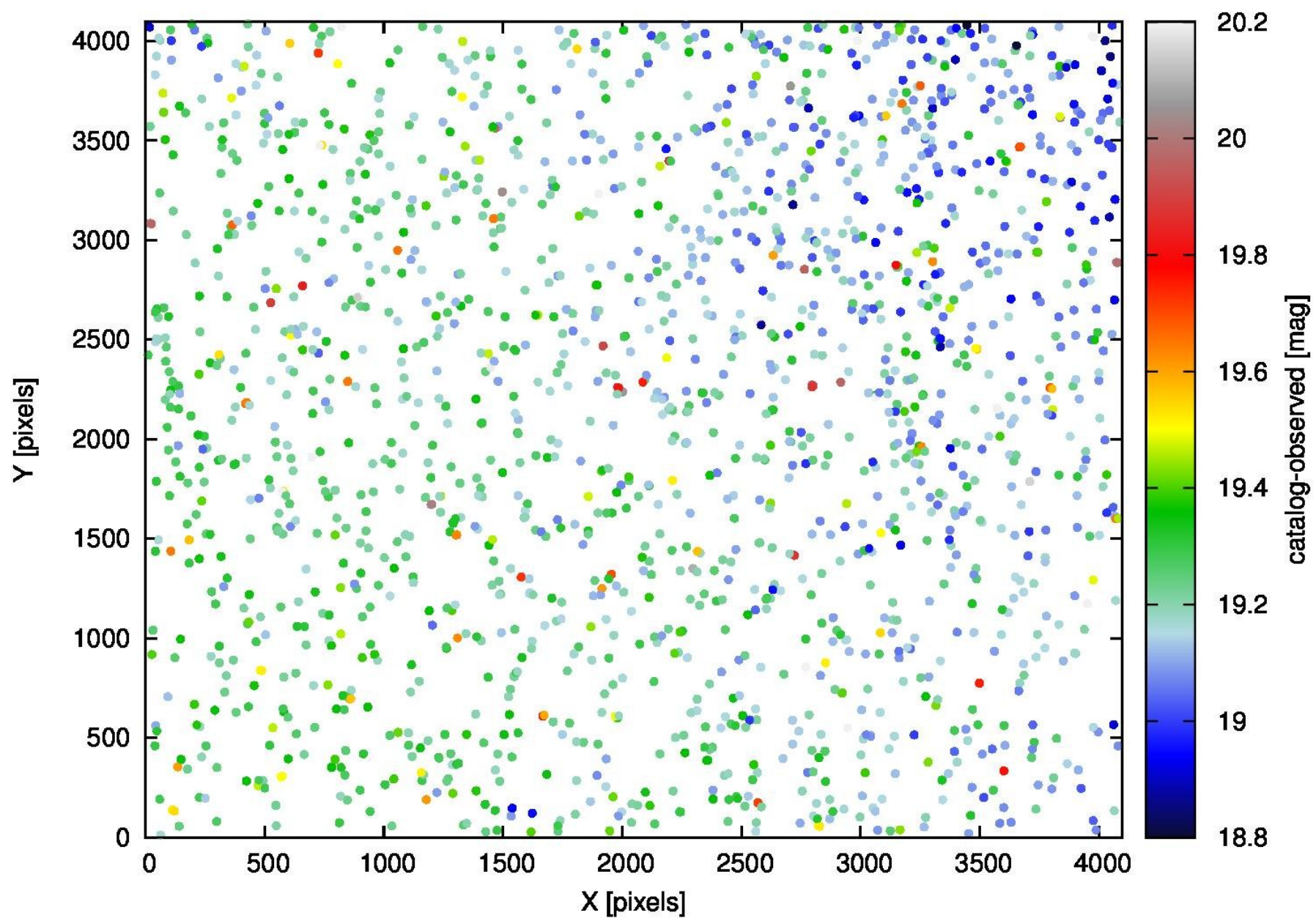
Status update

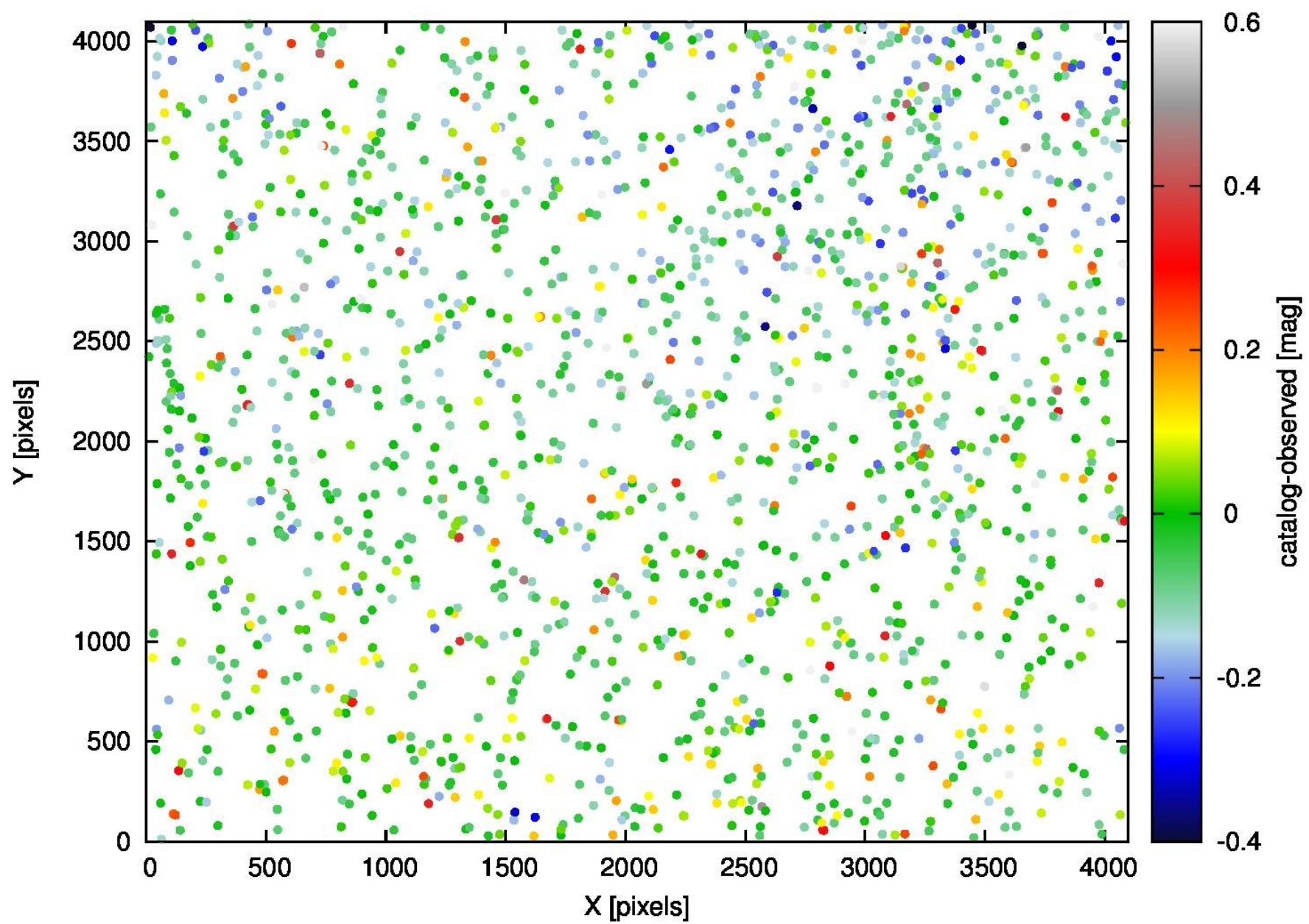
- mount, camera, lens – assembled
- first light + processed images (ICRC)
- dome built, installation soon

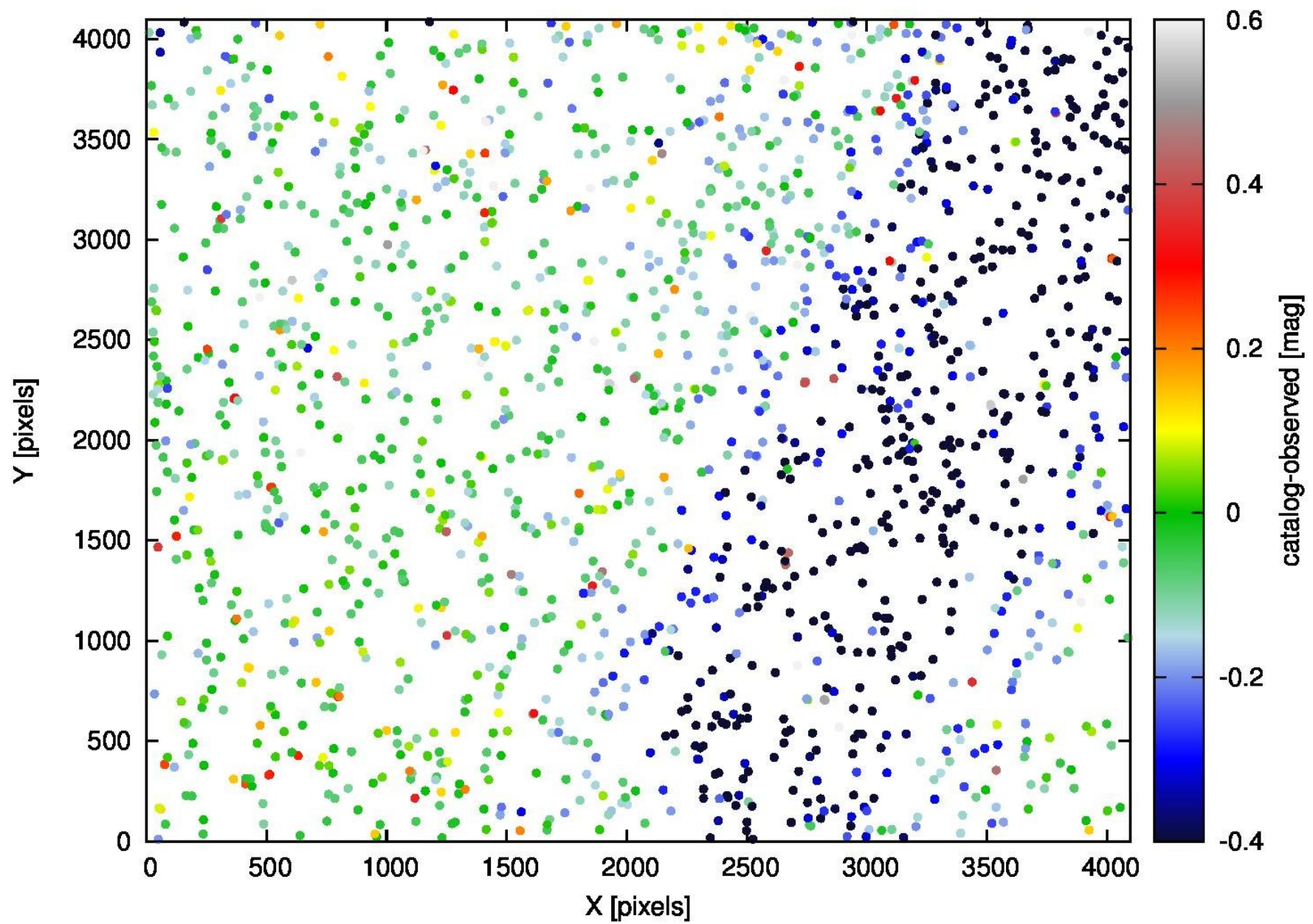












Outlook

- winter 2015/2016 – operation in Prague
- write RTS2 ↔ ACTL interface
- spring / summer 2016 – installation in Armazones