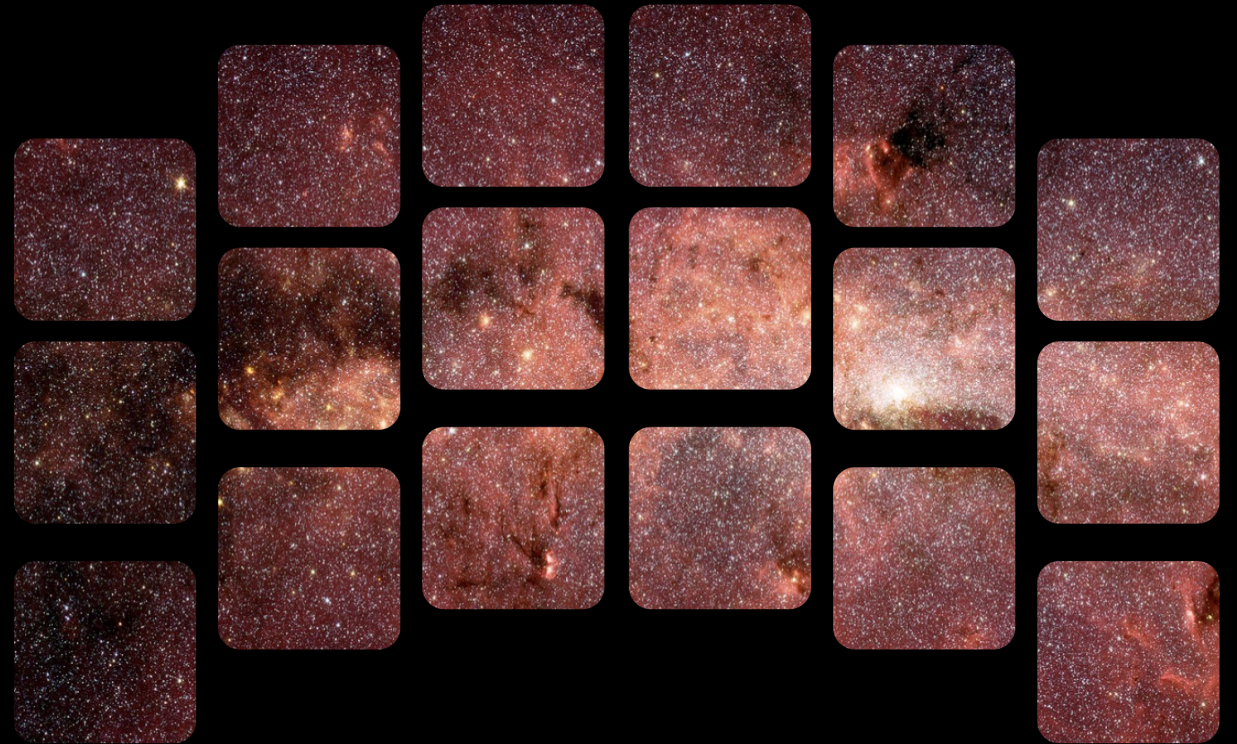


R.ÖMÄN

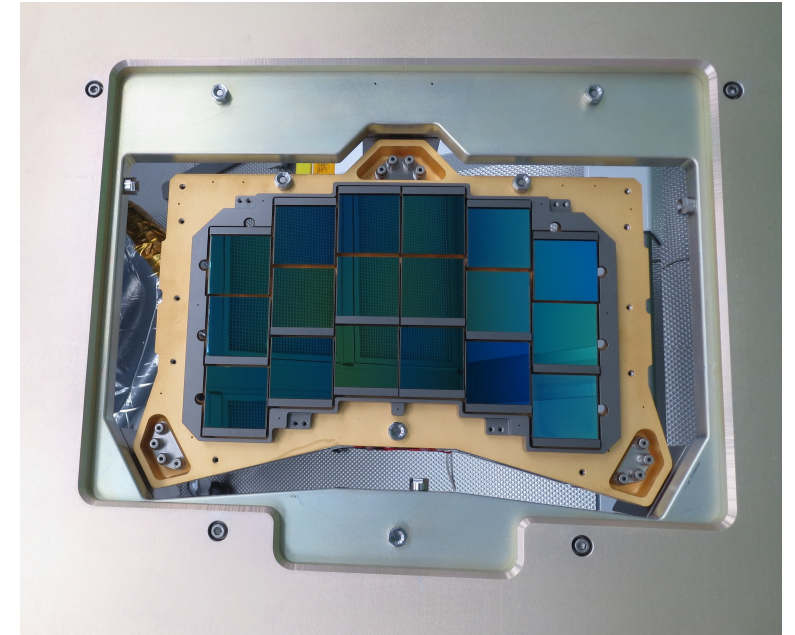
Project Status



SPACE TELESCOPE

Project news

- **Completed installation and alignment of all 18 engineering test unit (ETU) sensor chip assemblies (SCA) on the ETU mosaic plate**
 - 15 out of 18
- **WFI Critical Design Review next week**
- **Making minor updates to science requirements**
 - Mostly to address flowdown after moving some operation software from science teams to STScI and IPAC
- **AAS sessions went well, many thanks to all**
 - <https://roman.gsfc.nasa.gov/AAS237/>
 - <https://outerspace.stsci.edu/display/AAS/Roman+Space+Telescope+Town+Hall+-+January+2021%2C+AAS+237>
- **“Stub” in upcoming ROSES call for Roman**
 - Most details yet to be defined/decided
 - Will start extensive discussions in this group after call is public next month



Roman Observations – Deep Field Considerations

- **Design reference mission demonstrates that we can meet the Astro2010 cosmology and exoplanet science requirements**
 - DRM is 3 large surveys (specified by Astro2010), CGI observations (90 days), ~>25% GO time
 - The large surveys are not yet defined, but we cannot assume that it will be possible to meet the science requirements with smaller surveys.
 - Do we want to allocate some GO time now for a deep field, selected via an open community process (or competitively select a single team)
 - This does not mean that the amount of GO time will necessarily drop below 25%
 - There is some margin in the DRM
 - An early deep field might overlap with HLS or SNIa needs (both of which have deep fields as part of the current strawman plan), in which case, time needed for those surveys would be less

Deep Field Considerations

- **Is it scientifically valuable to define a Roman deep field now (or soon)?**
- **What do we need to do to ensure community buy-in?**
 - The current 3 community surveys have been recommended by the decadal survey, a deep field would be new
- **What are the considerations for time allocation for a deep field?**
- **Considerations for selections:**
 - Calibration needs? Science? Press/outreach? Time needs?
 - ??
- **Focus on the large questions – should we define a deep field? When should we define it? How to come up with the boundaries for the community to consider**
- **Details of the implementation of a community definition process will be in partnership with the science centers (because they will be leading this aspect)**
- **Also need to discuss science community support: single key science team or multiple smaller groups + multiple opportunities**