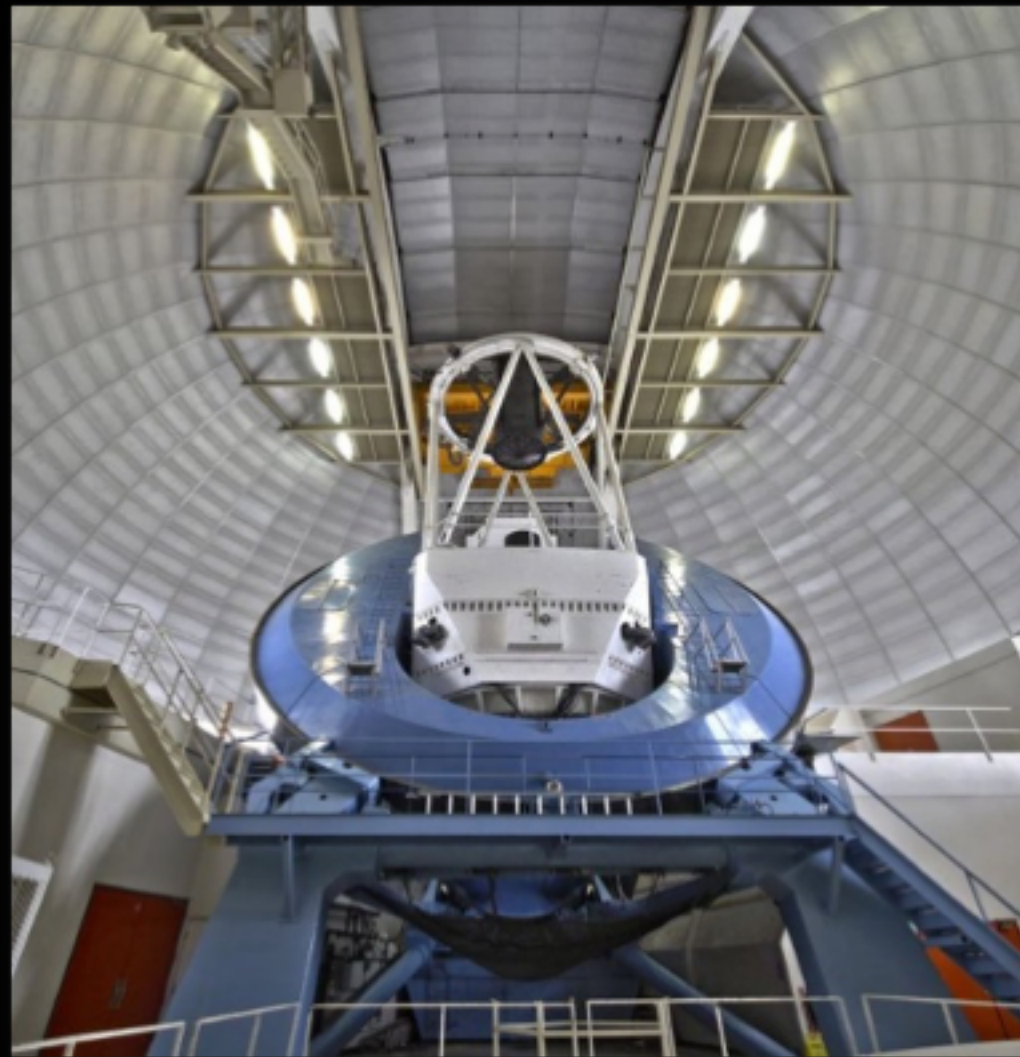
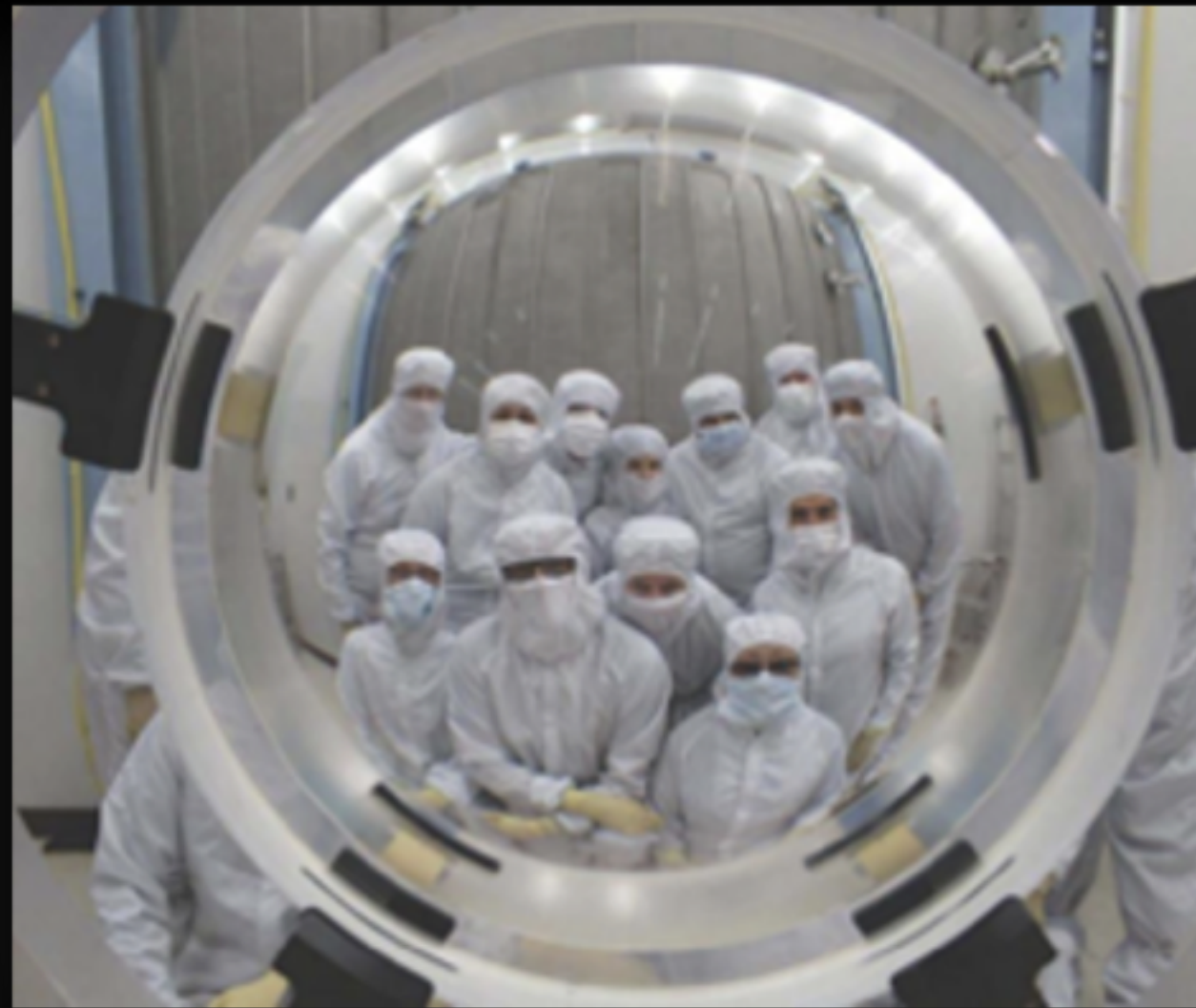


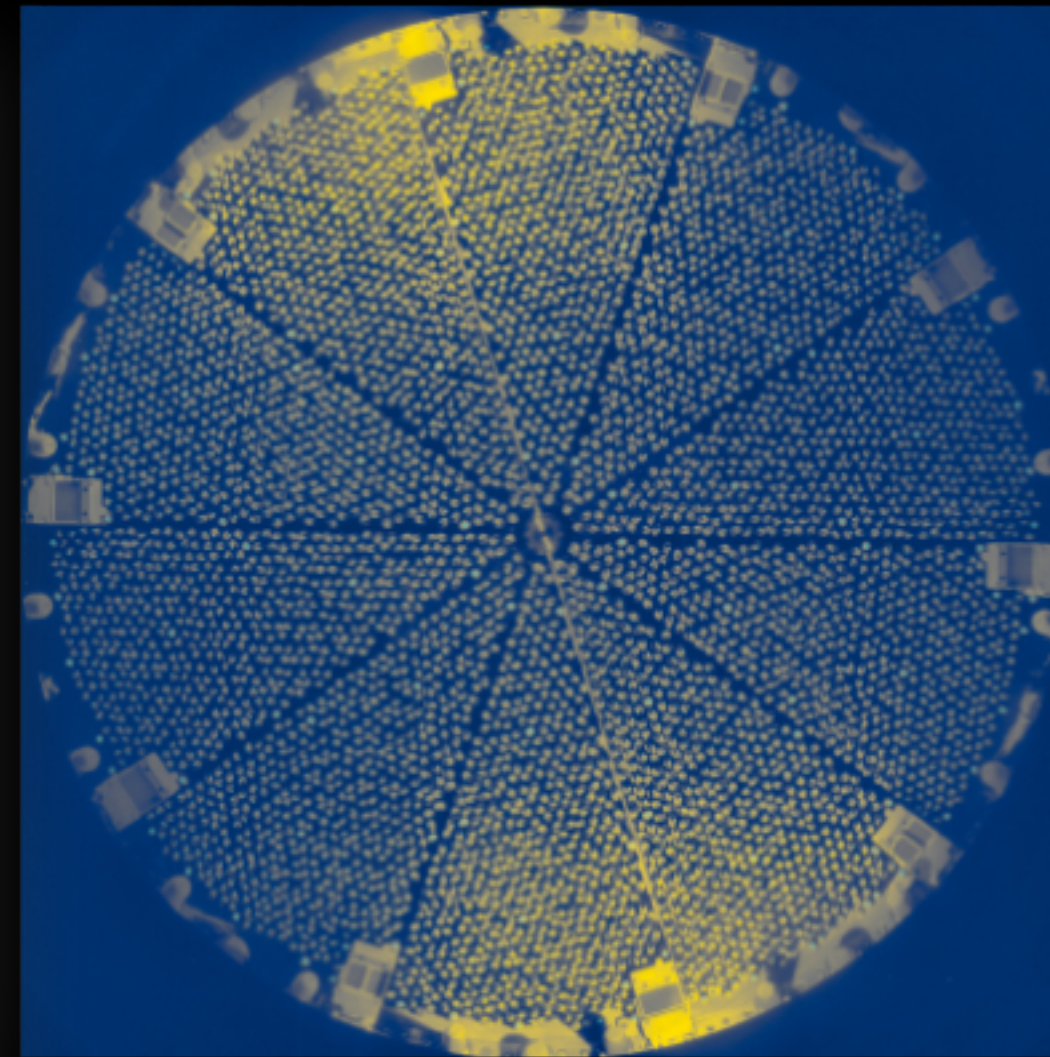
Key DESI Components



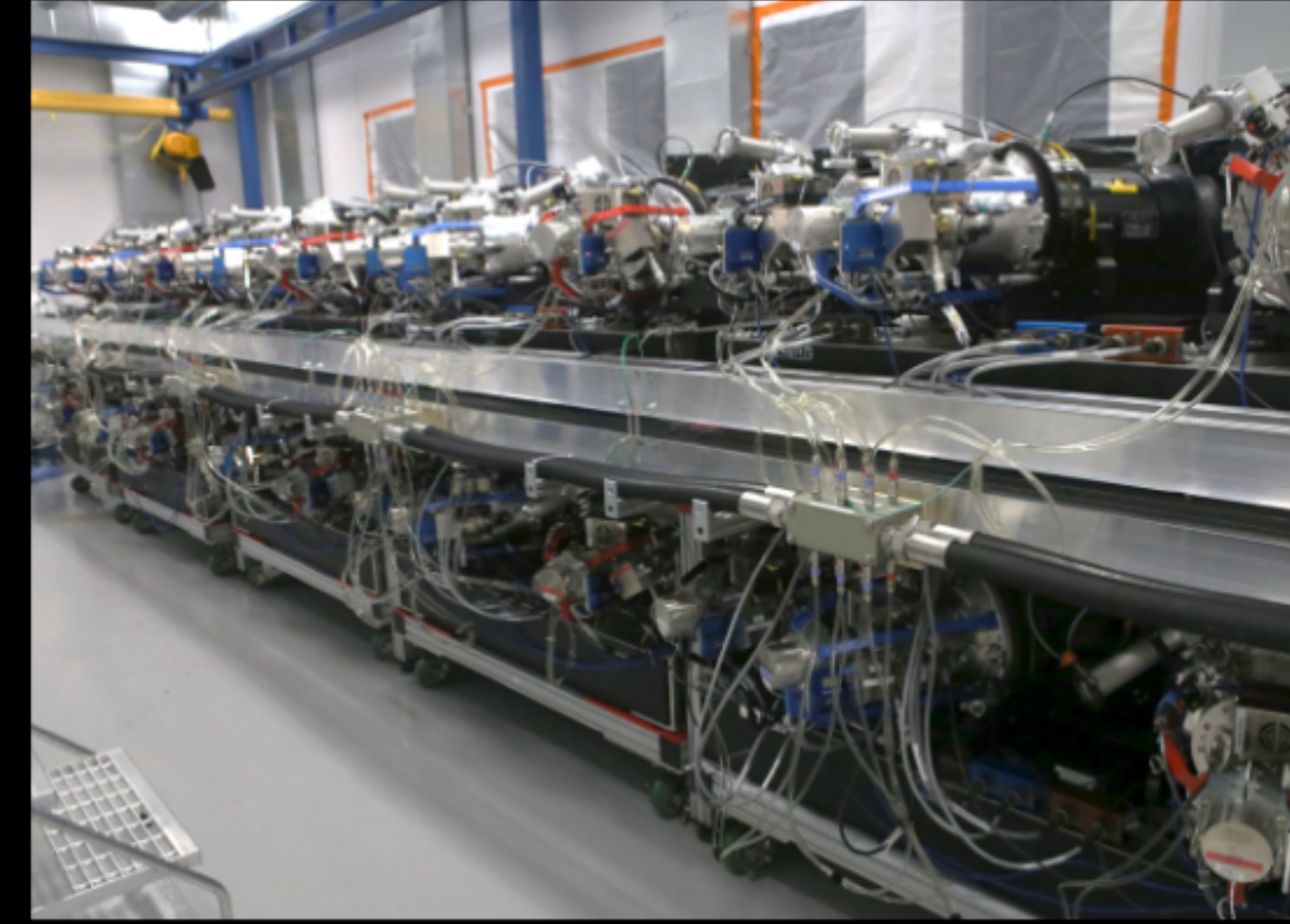
**4m Mayall Telescope,
KPNO, Arizona, USA**



**Wide Field Corrector 8 sq. deg.
Field of View**



**Focal Plane with 5,000 Fiber
Positioners**



10 Multi-Object Spectrographs

Designed to optimize survey throughput:

- 5,000 fibers, wide field corrector, 10 spectrographs
- remotely controlled fiber positioners; align, position, readout in parallel
- dynamic field selection, exposure time calculator, autofocus



maximum number of simultaneous targets

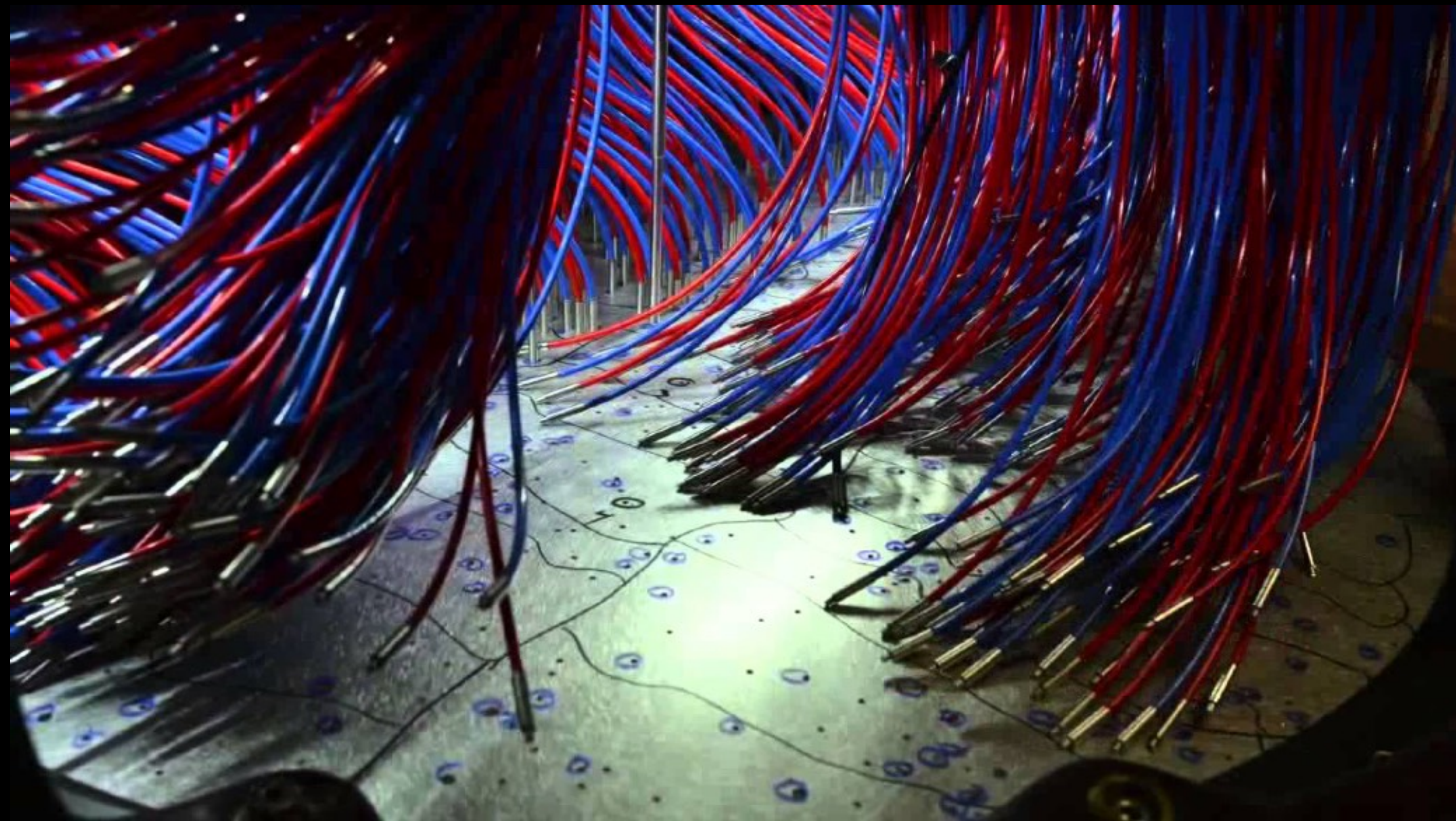
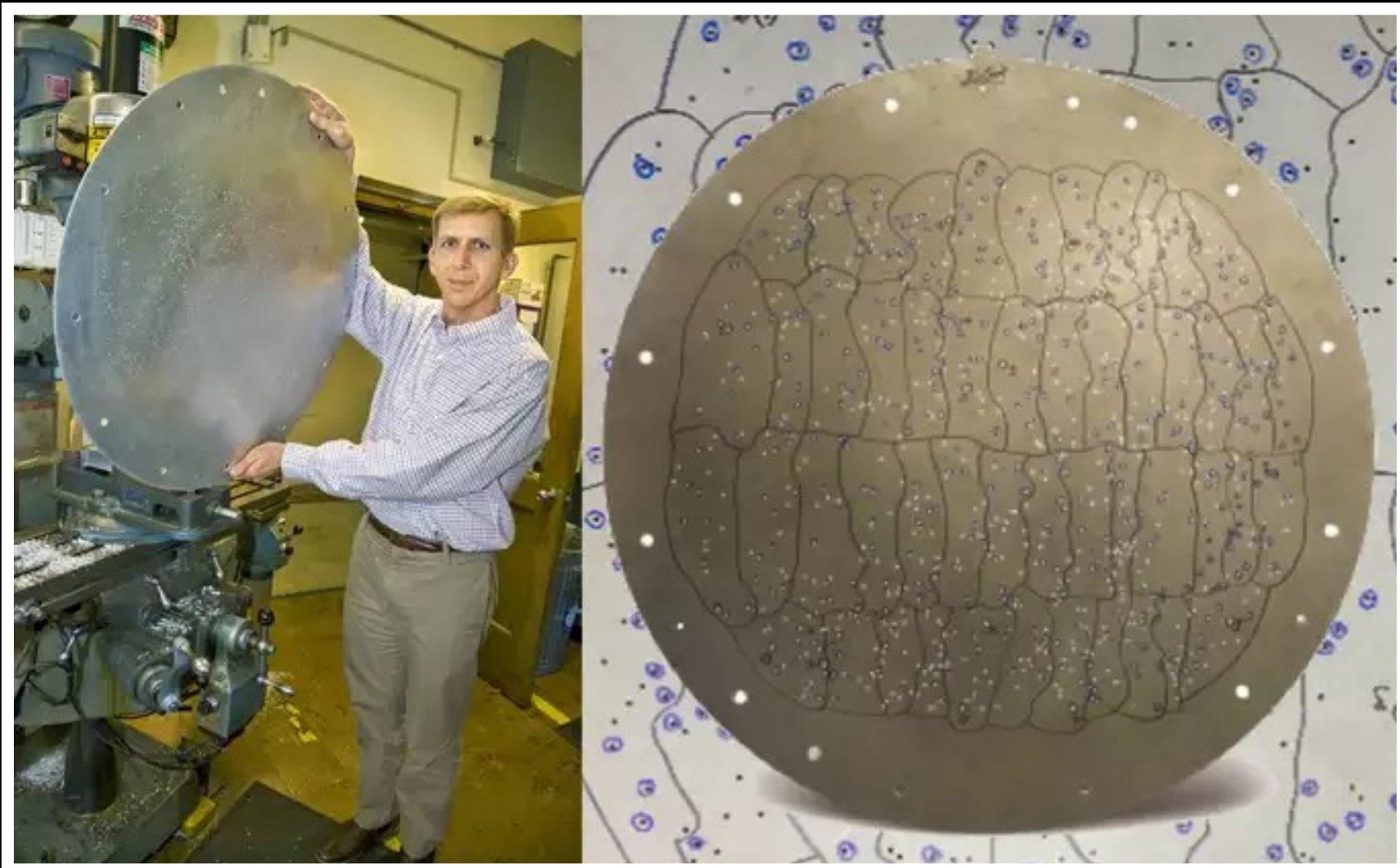


minimum reconfiguration time



maximum operational efficiency

Fiber assignment before DESI



**Process of plugging optical fibers into plates
for observations for the Sloan Digital Sky Survey (SDSS)**

**Each plate can take anything from 30 mins to several hours
to be plugged by the expert SDSS Plate Pluggers.**