



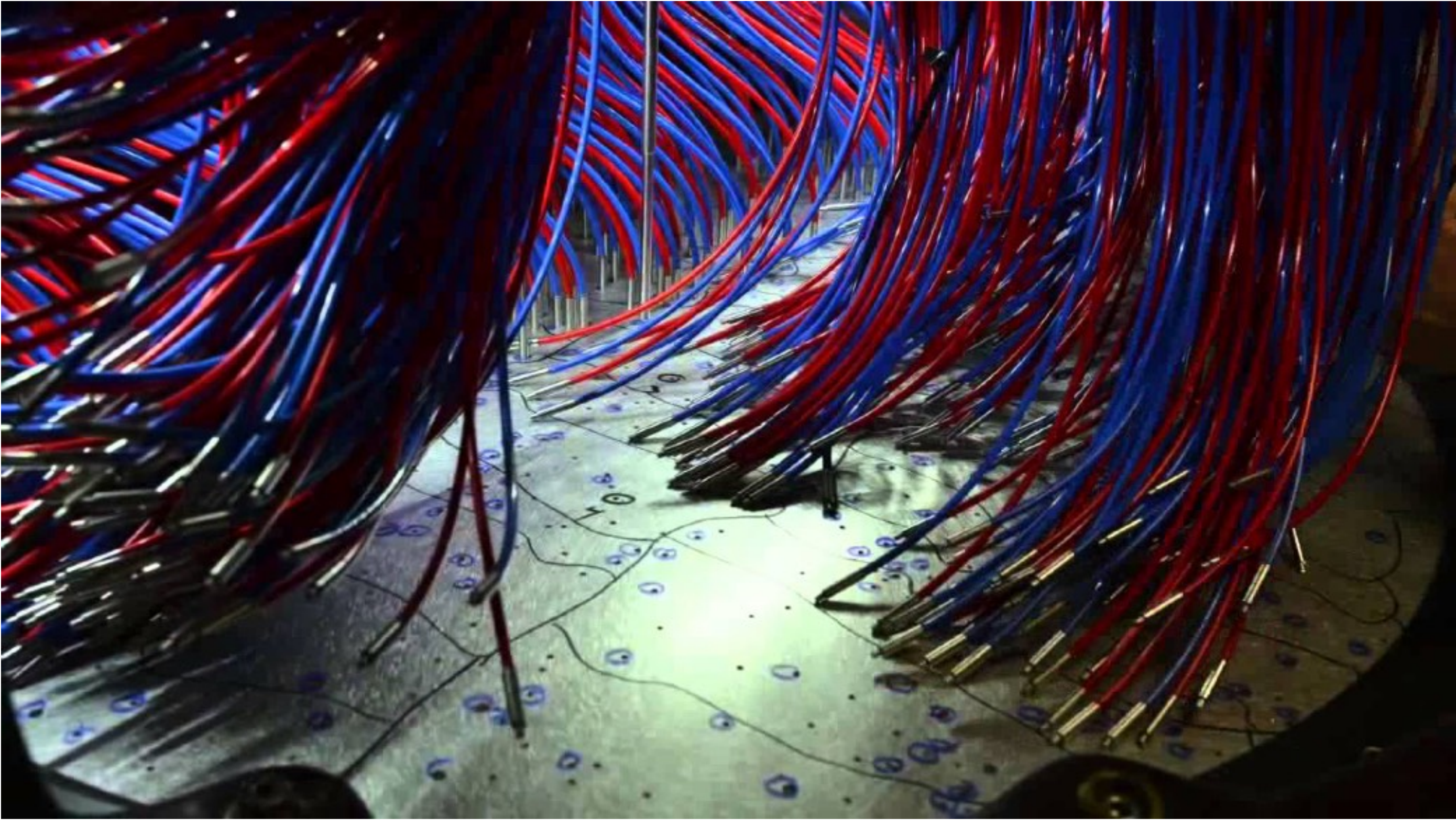
DARK ENERGY SPECTROSCOPIC INSTRUMENT

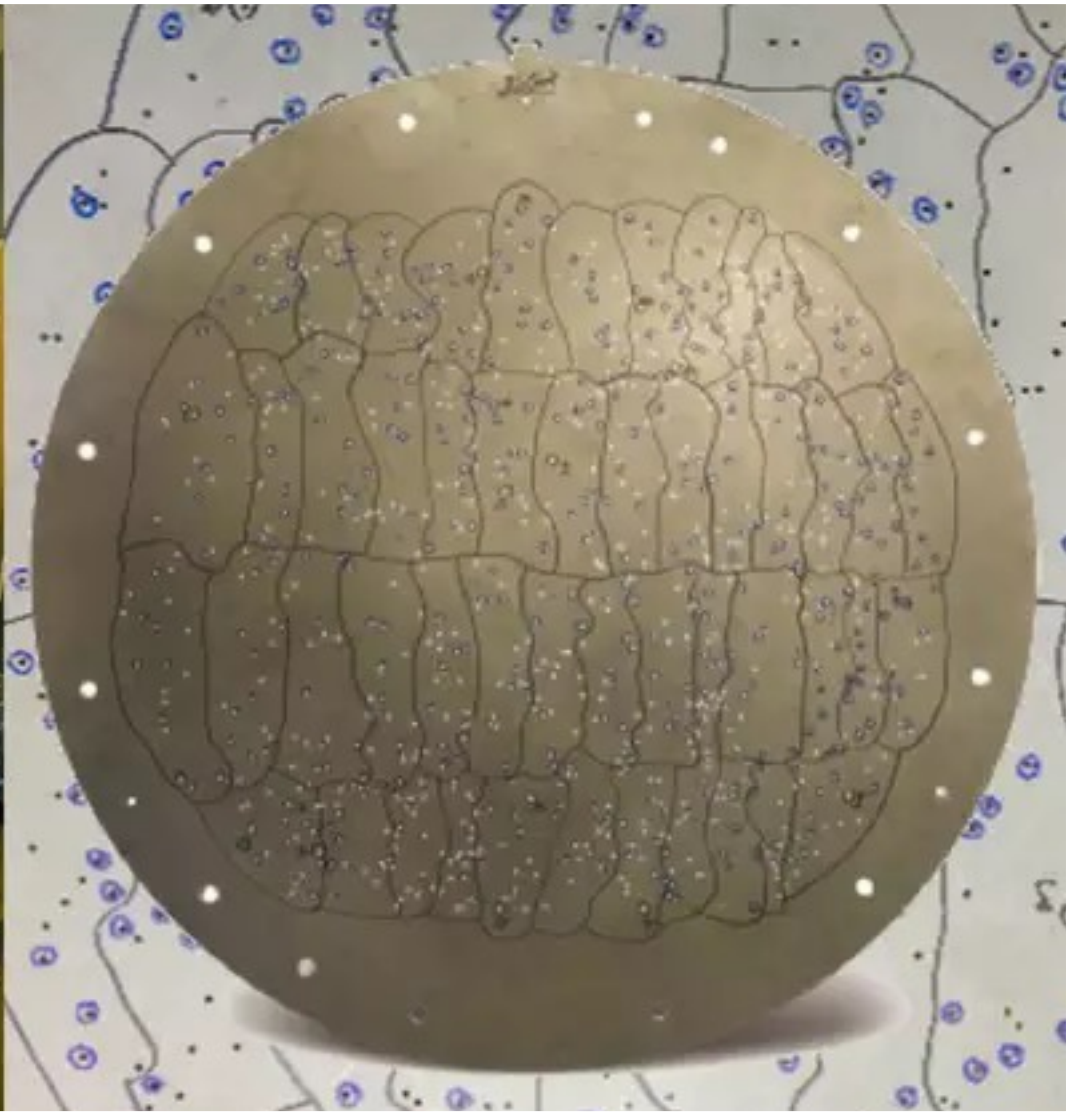
U.S. Department of Energy Office of Science

DESIGN LOGICAL CONSTRAINTS - Aug 2024 X11 CNFP @ Crete, Greece, 2024

Udendent Andade (UMichigan)

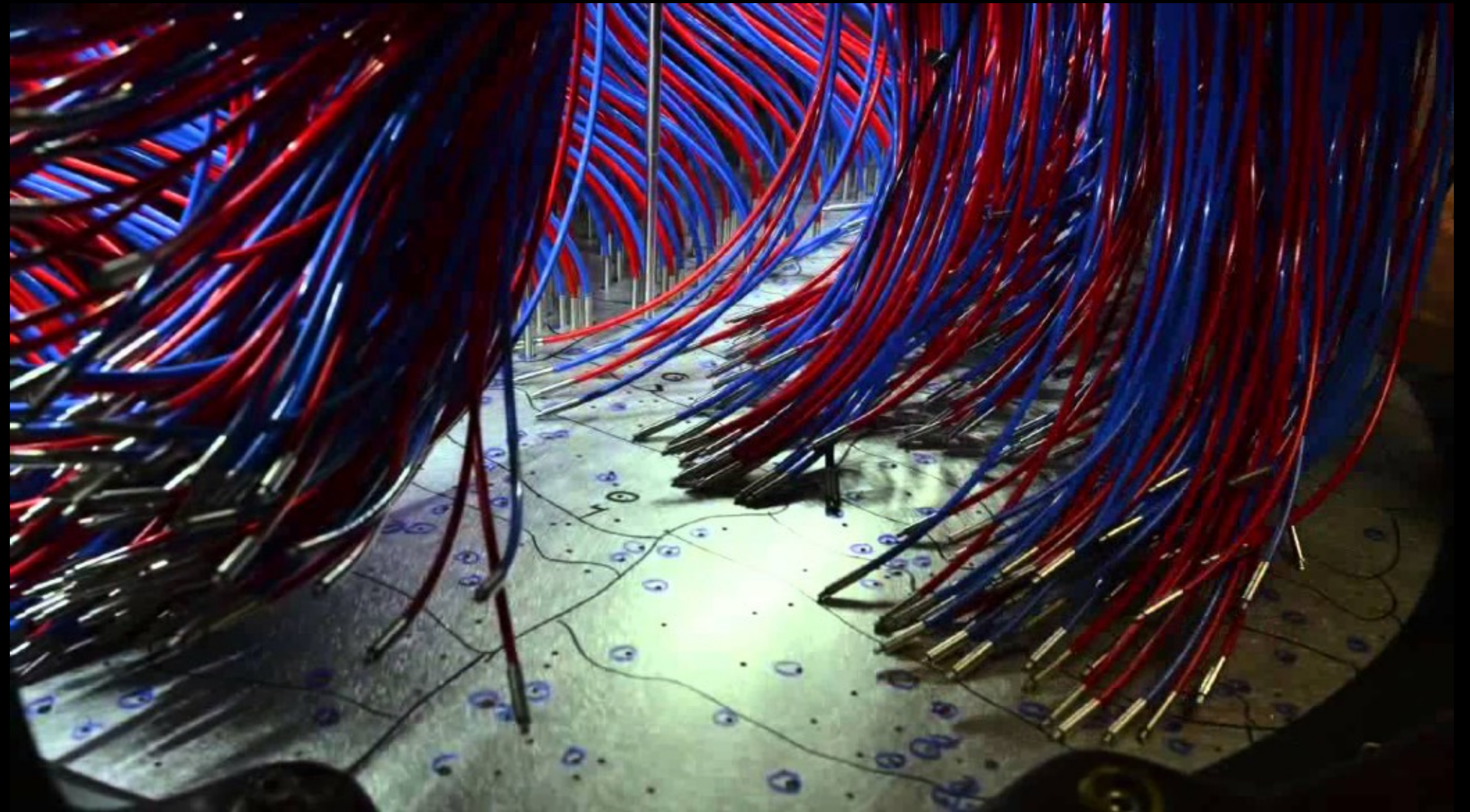
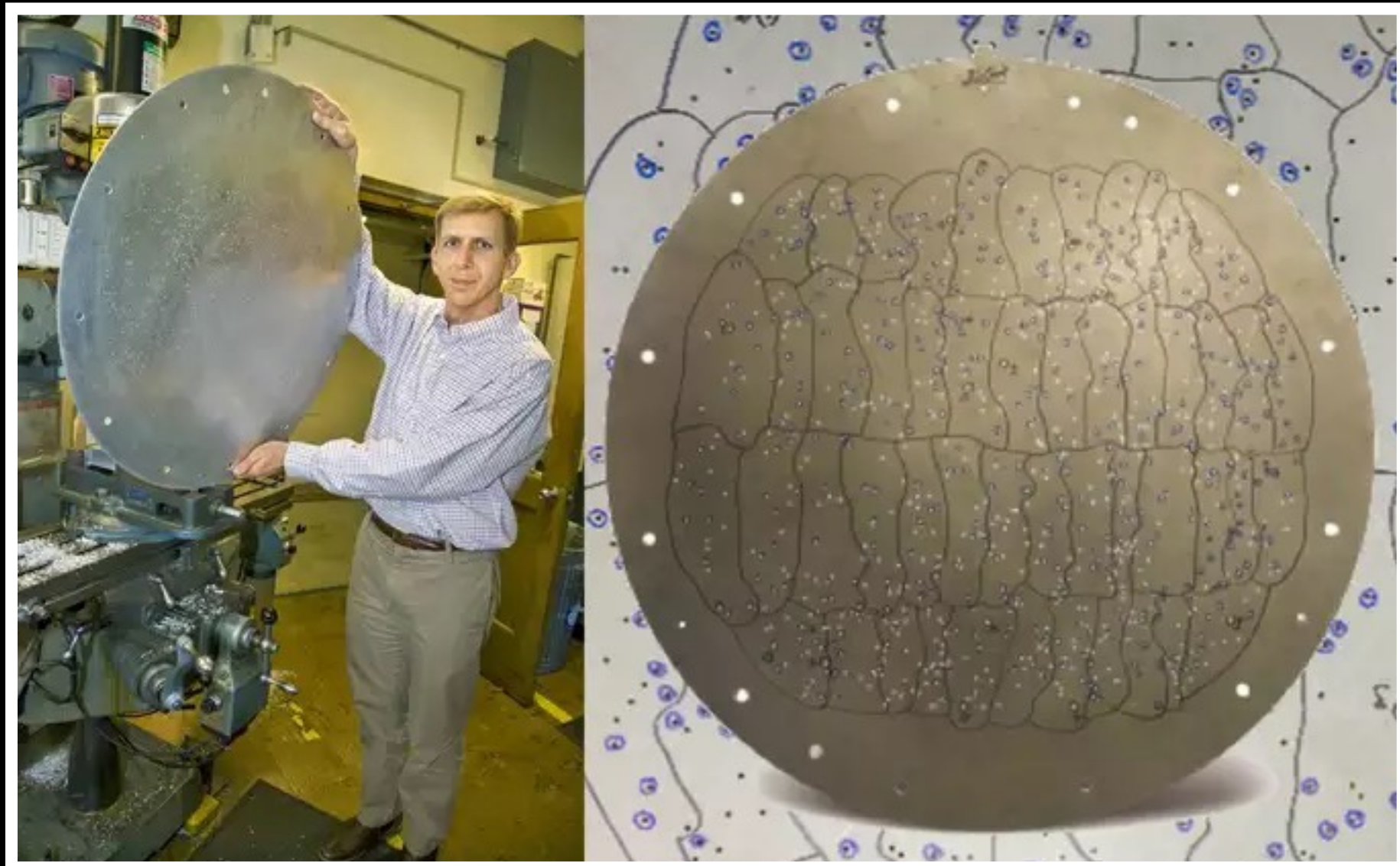








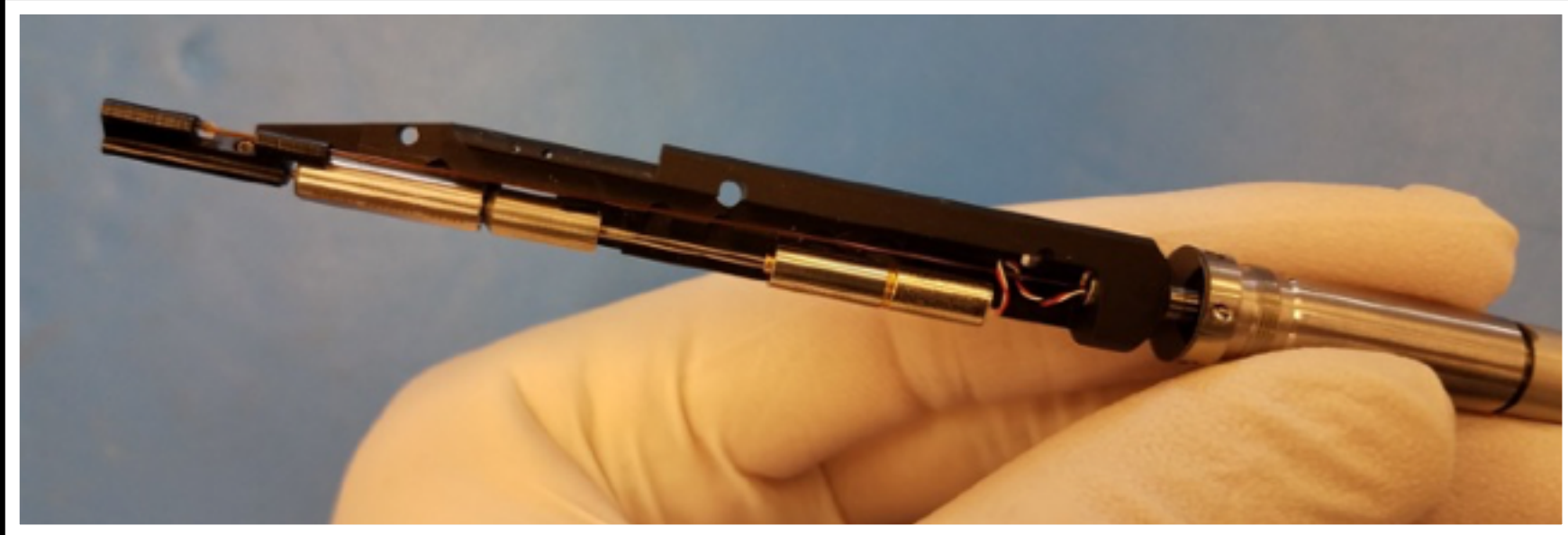
Fiber assignment before DESI



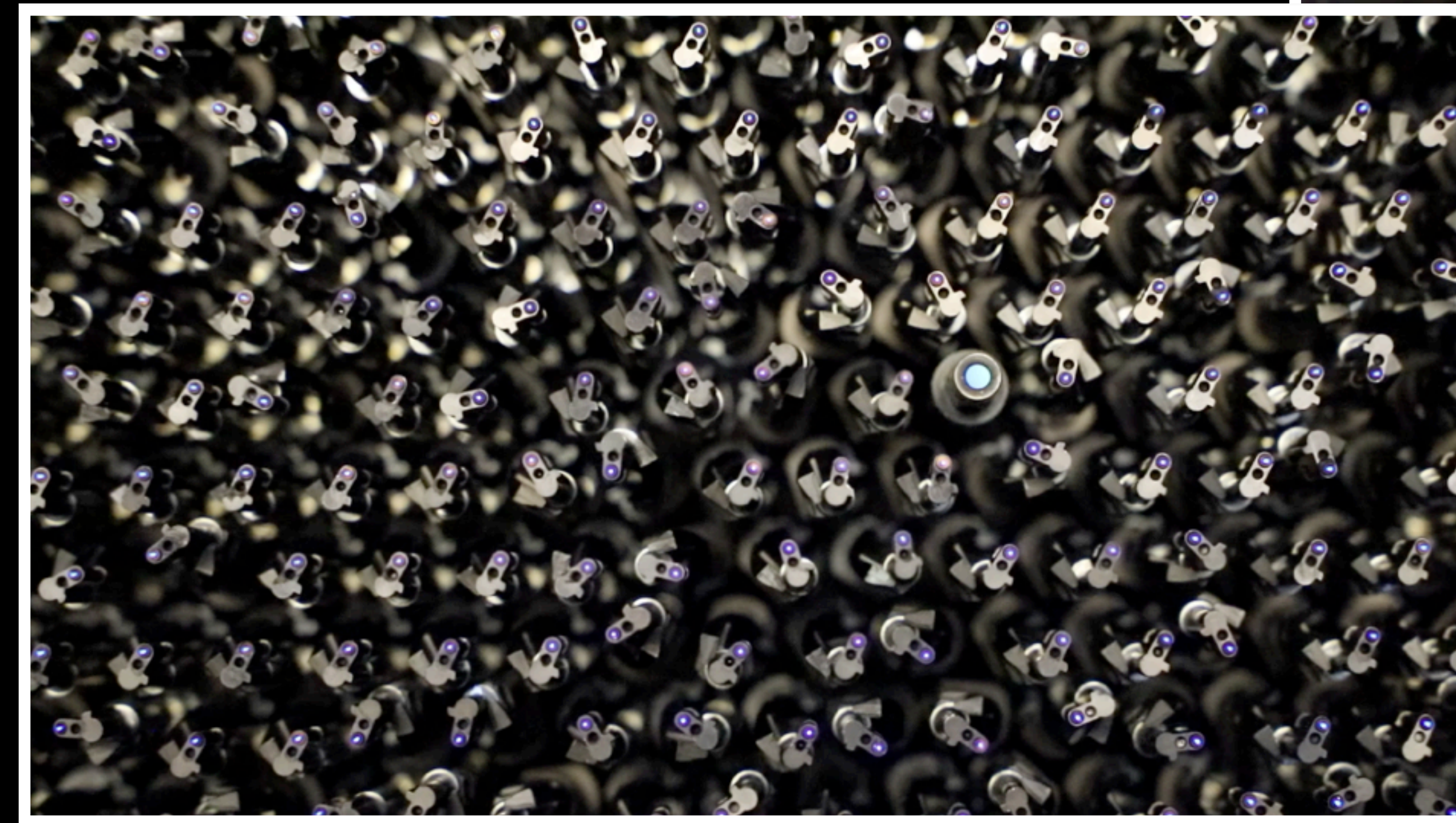
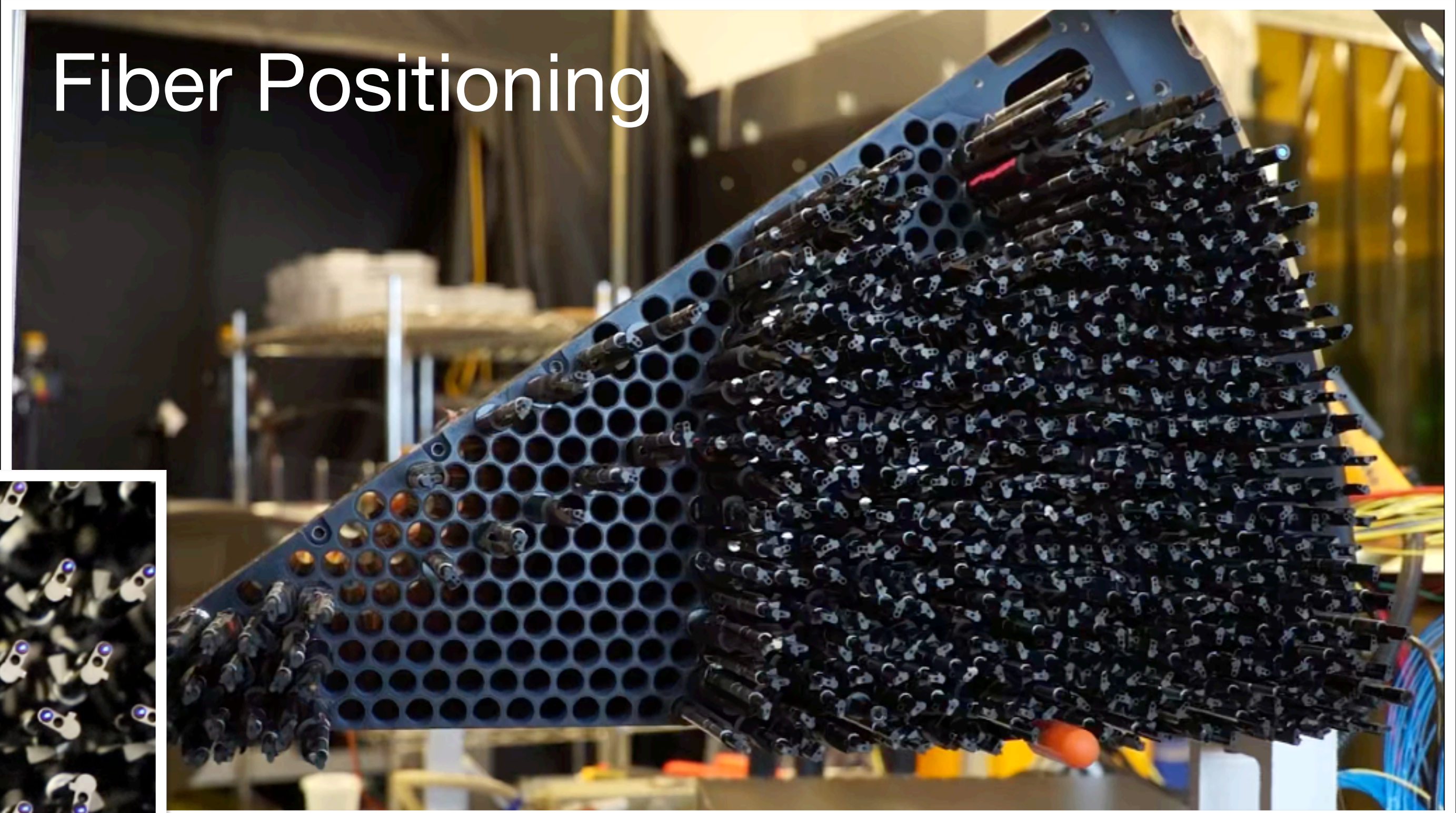
**Process of plugging optical fibers into plates
for observations for the Sloan Digital Sky Survey (SDSS)**

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

Automated dance of 5000 robotic positioners



Fiber Positioning



University of Michigan
undergraduate Clara Mateju
doing a stage 1 assembly.
Image credit: Curtis Weaverdyck