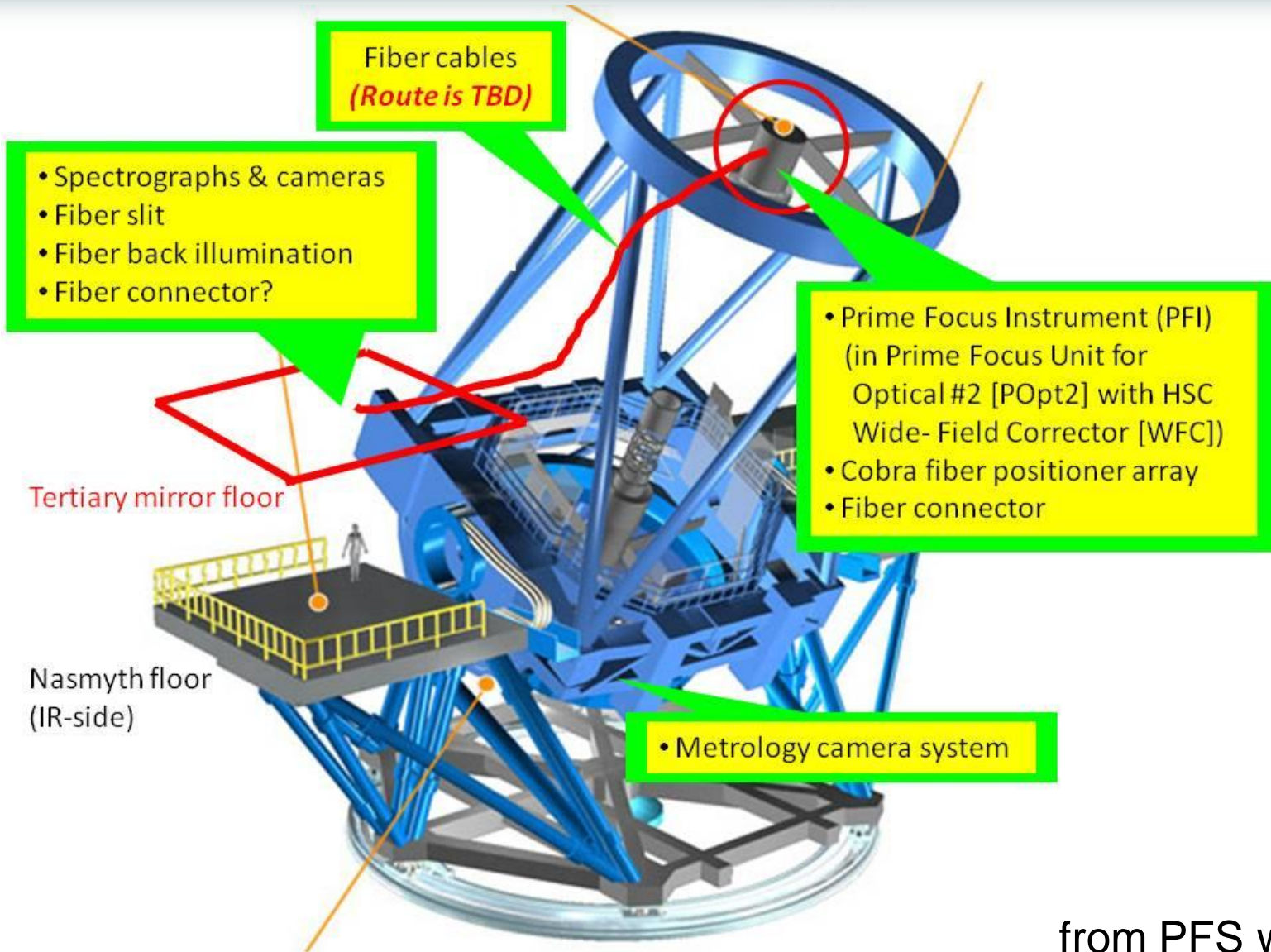


PFS basic information



PFS Basic Parameters (1/2)

Optical + NIR Multi-object fiber spectrograph

- Number of fibers: **2400**
600 per Spectr. X 4 Spectrographs
- Fiber core diameter $128\mu\text{m}$
Microlens attached to fiber input edge
fiber input F/2.2 \rightarrow F/2.8 (1".1 diameter per fiber)
- Field of view: **1.3 deg**
- Wavelength: **0.38 - 1.3 μm**

PFS Basic Parameters (2/2)

Optical + NIR Multi-object fiber spectrograph

- Each spectrograph: 3-color-arm design

Arm	Coverage[Å]	Resolution[$\lambda/\delta\lambda$]
Blue	3800-6700	2300
Red	6500-10000	3000
NIR	9700-13000	4400

Spectrograph collimator F/2.5, camera F/1.1
Detector pixel 15 μ m (2K x 4K x 2 for each Blue/Red arm,
4K x 4K x 1 for NIR arm)