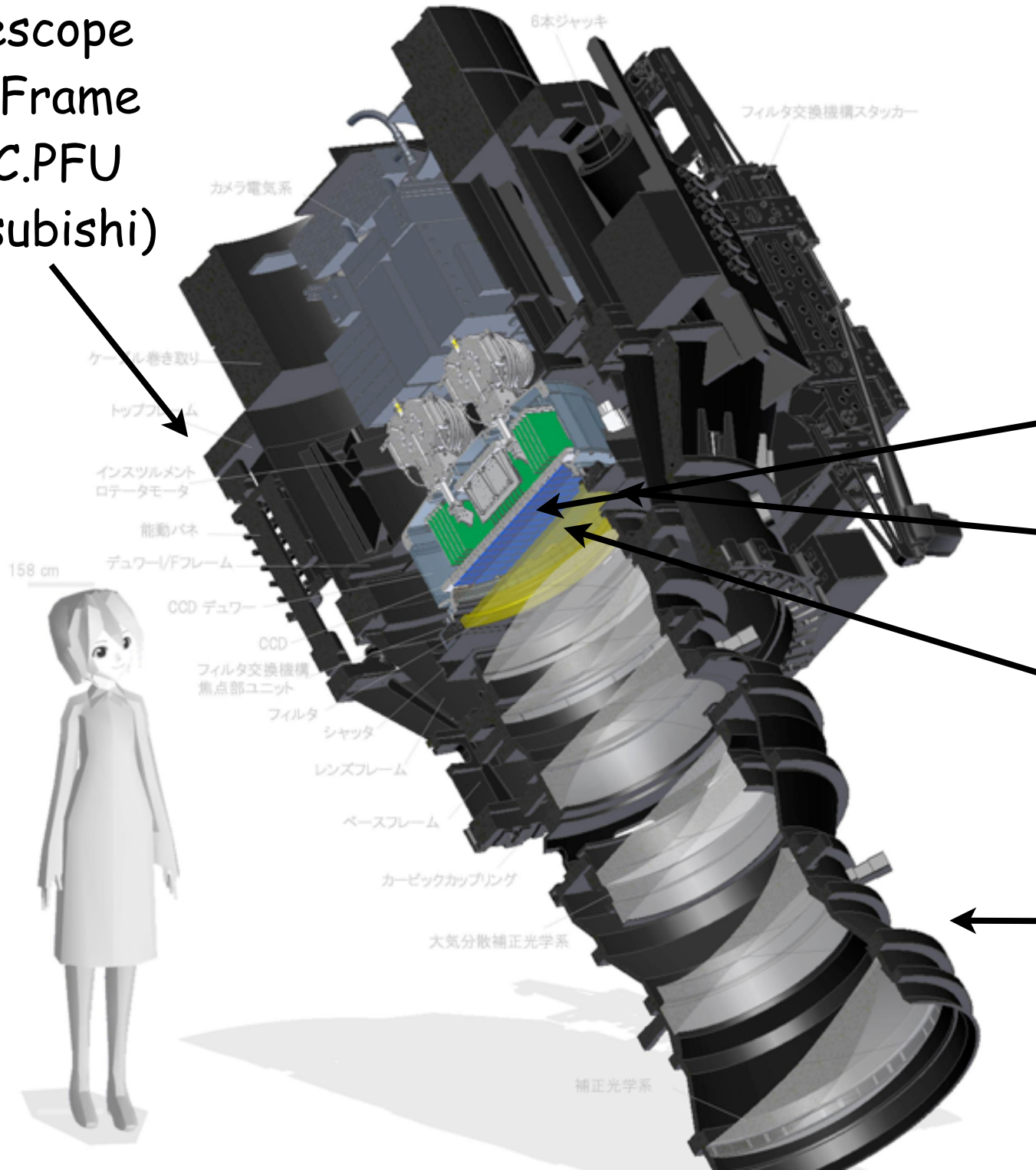




# Hyper Suprime-Cam

Telescope  
I/F Frame  
HSC.PFU  
(Mitsubishi)



HSC.CAM

CCD(HPK)

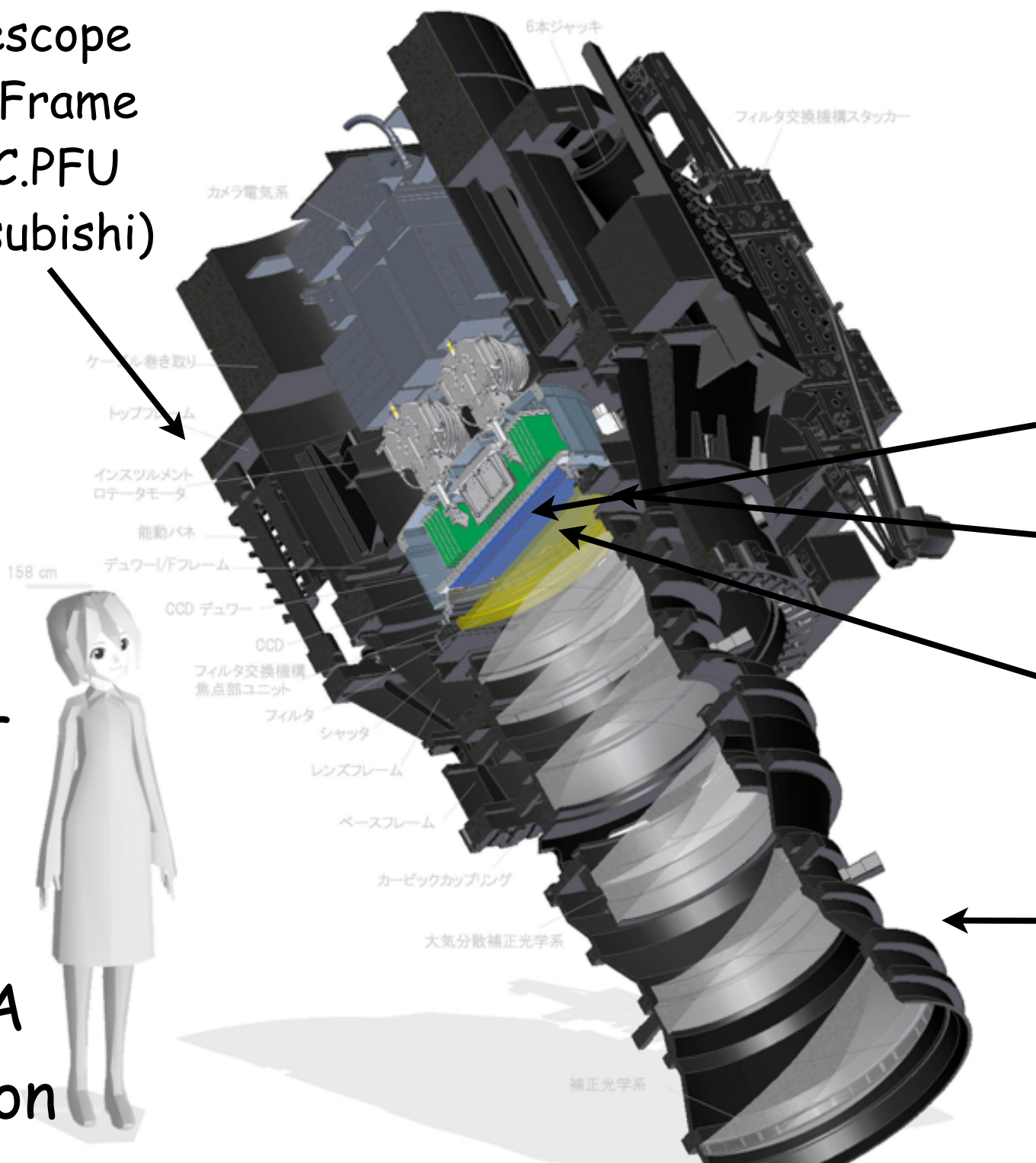
Shutter

Filter

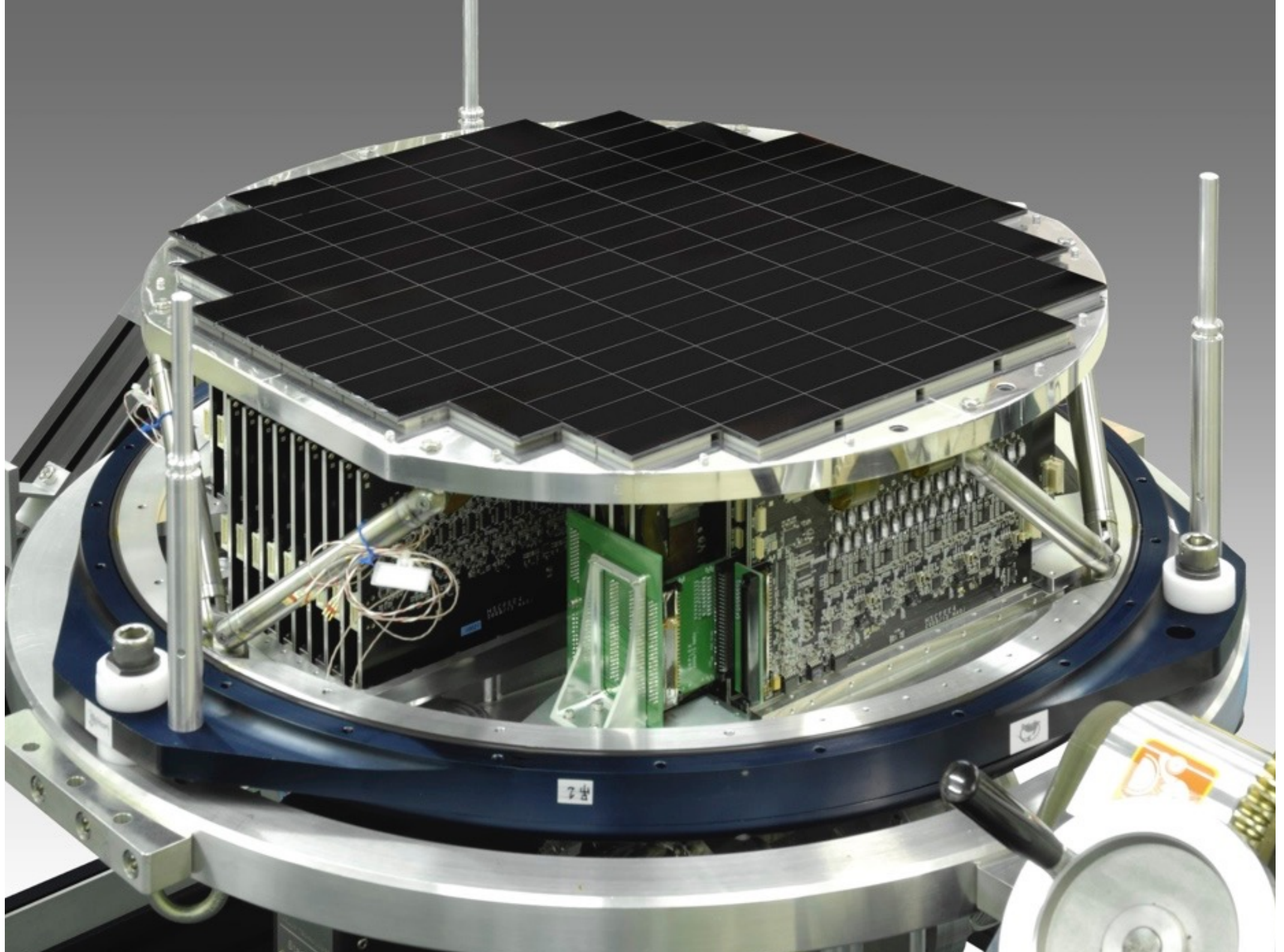
Lens  
(Canon)  
HSC.WF

Telescope  
I/F Frame  
HSC.PFU  
(Mitsubishi)

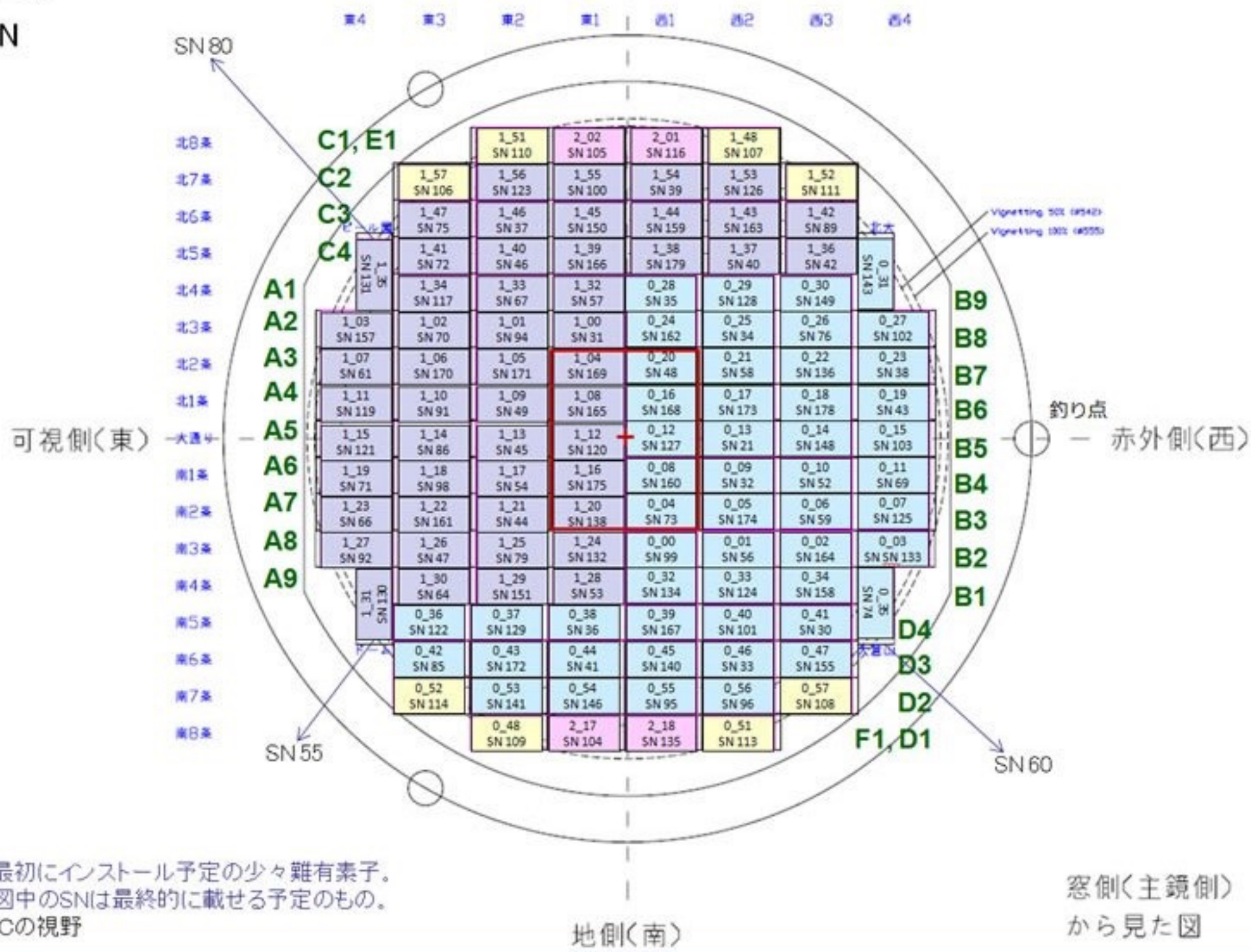
NAOJ  
IPMU  
KEK  
ASIAA  
Princeton



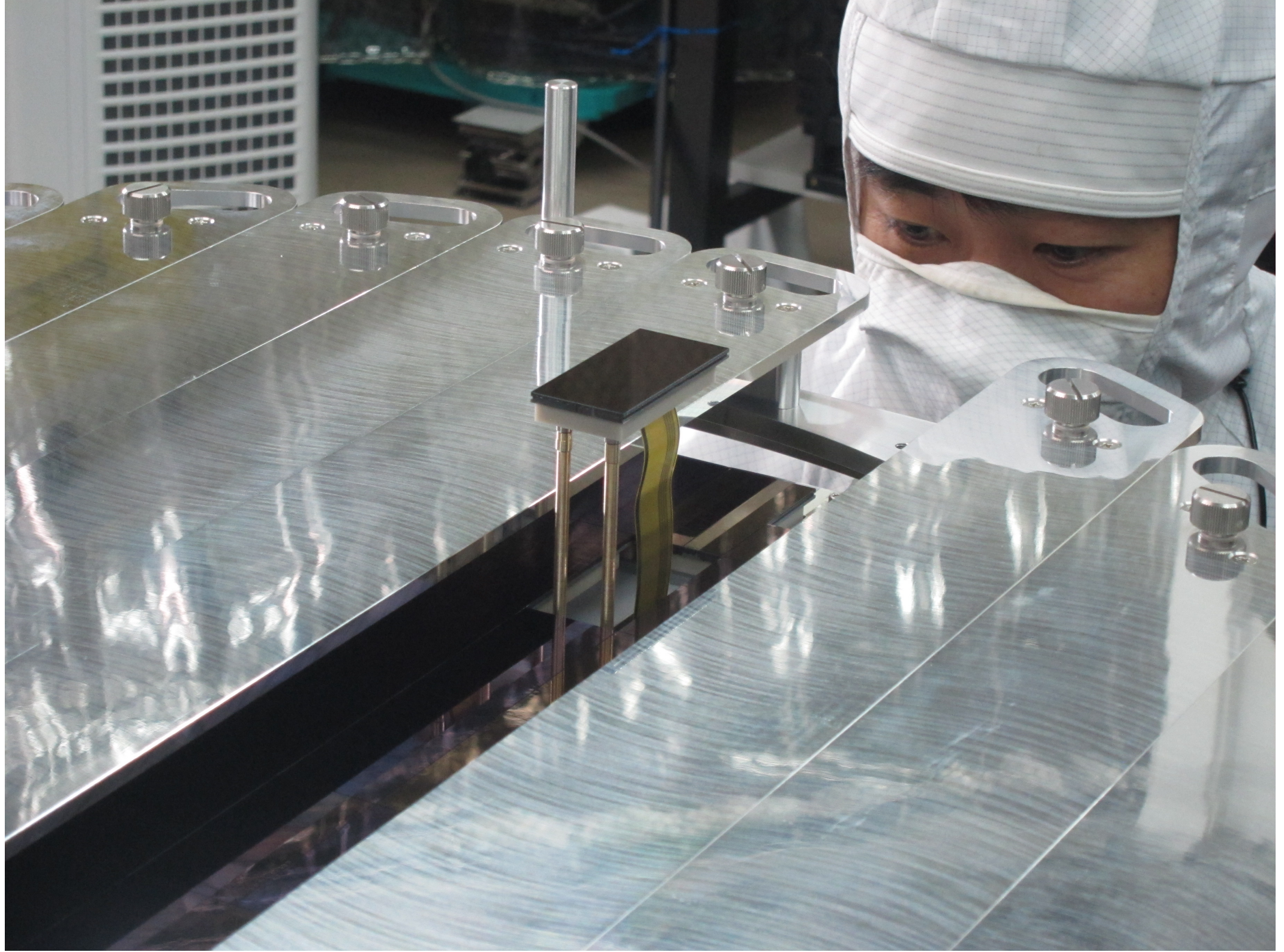
HSC.CAM  
CCD(HPK)  
Shutter  
Filter  
Lens  
(Canon)  
HSC.WF

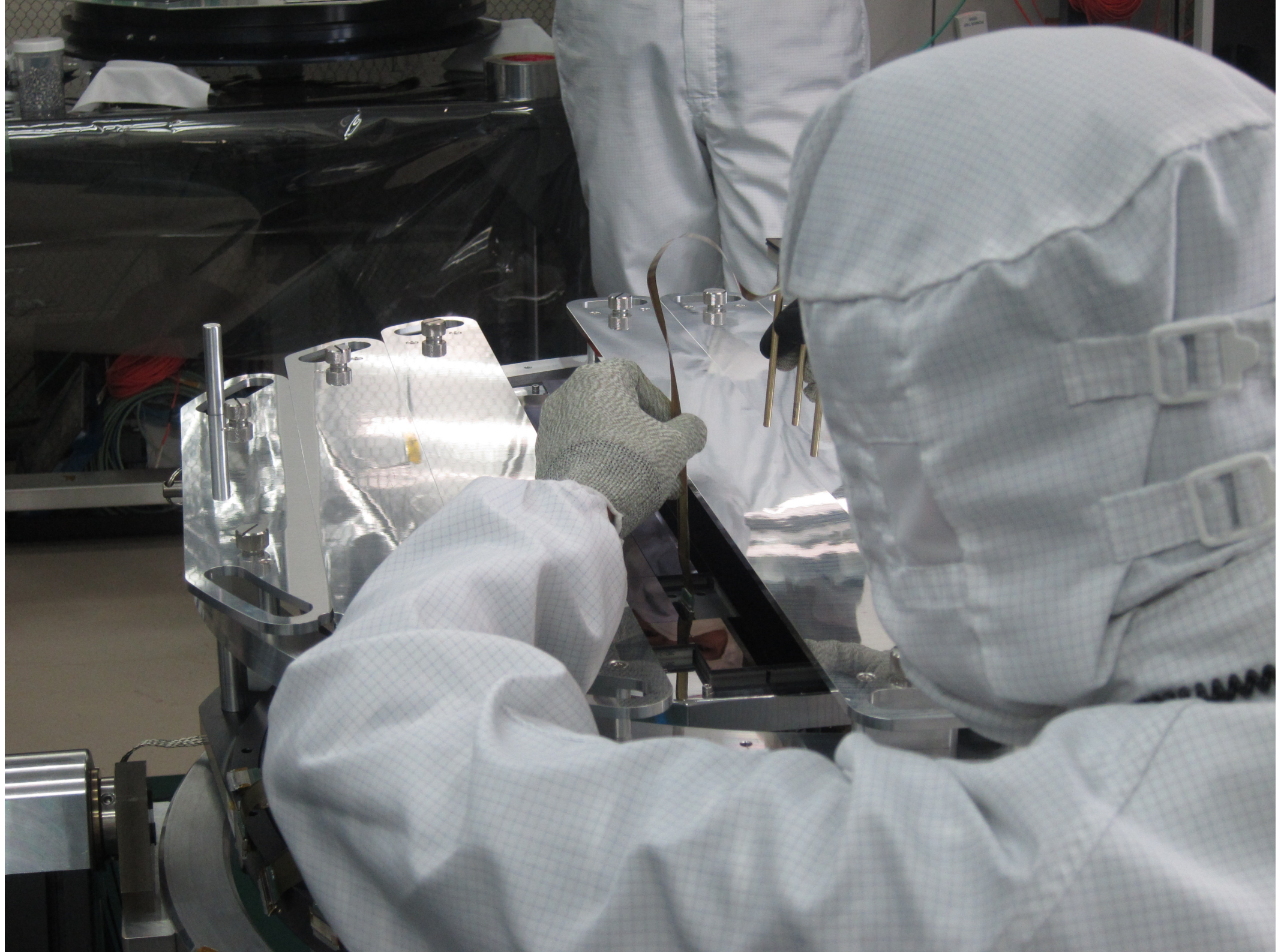


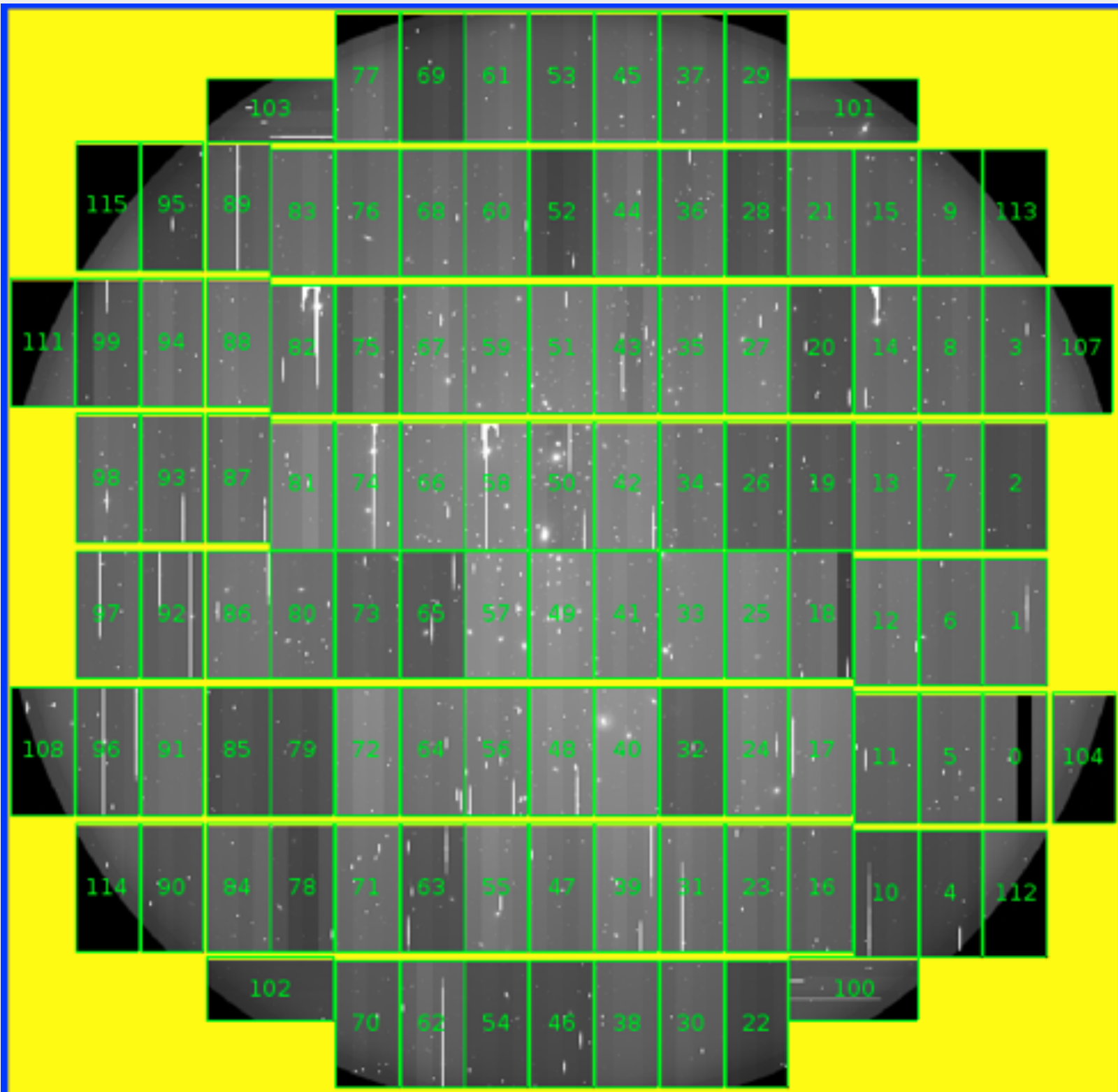
SN



→ 最初にインストール予定の少々難有素子。  
 ⊠中のSNは最終的に載せる予定のもの。  
 □SCの視野









```

95 , meas.iblendedness_flags_noshape
96 , meas.iblendedness_old
97 , meas.iblendedness_raw_flux
98 , meas.iblendedness_raw_flux_child
99 , meas.iblendedness_raw_flux_parent
100 , meas.iblendedness_abs_flux
101 , meas.iblendedness_abs_flux_child
102 , meas.iblendedness_abs_flux_parent
103 , meas.iblendedness_raw_shape_child
104 , meas.iblendedness_raw_shape_parent
105 , meas.iblendedness_abs_shape_child
106 , meas.iblendedness_abs_shape_parent
107
108 FROM
109
110 -- The meas table is split into "meas", "meas_centroid", and "meas_shape"
111 -- because PostgreSQL forbids a table more than ~1600 columns
112
113 s15b_wide."experimental:meas" as meas LEFT JOIN s15b_wide."experimental:meas_shape" as shape USING (object_id) LEFT JOIN s15b_wide."experimental:meas_centroid" as centro:
114 WHERE
115
116 (tractSearch(meas.patch_id, 8762, 8768) Or
117 tractSearch(meas.patch_id, 9004, 9009) Or
118 tractSearch(meas.patch_id, 8279, 8285) Or
119 tractSearch(meas.patch_id, 8520, 8526)) AND
120
121 NOT meas.ideblend_skipped AND
122 NOT meas.iflags_badcentroid AND
123 NOT centroid.icentroid_sdss_flags AND
124 NOT meas.iflags_pixel_edge AND
125 NOT meas.iflags_pixel_interpolated_center AND
126 NOT meas.iflags_pixel_saturated_center AND
127 NOT meas.iflags_pixel_cr_center AND
128 NOT meas.iflags_pixel_bad AND
129 NOT meas.iflags_pixel_suspect_center AND
130 NOT meas.iflags_pixel_clipped_any AND
131 meas.idetect_is_primary AND
132 NOT shape.ishape_hsm_regauss_flags AND
133 meas.iclassification_extendedness != 0 AND
134 -- In postgres, all numbers are comparable including NaN
135 shape.ishape_hsm_regauss_sigma != 'NaN'
136 limit 5
137 ;

```

example:

- include SQL in CSV
- syntax check before enqueueing
- If you encounter an error "ERROR: canceling statement due to statement timeout" on enqueueing, please uncheck this.
- csv  csv.gz  sqlite3  fits

(timeout: 10 seconds)  (timeout: 12 hours / output limit: 20 GB)

5 records found.

object_id	parent_id	ira	idec	iflux_kron	iflux_kron_err	iflux_kron_flags	imag_kron	imag_kron_err	a_g	a_r	a_i	
36411431360397490	0	30.6198408445768	-7.24650359251333	2.06826912938898e-29	2.85632538037279e-30	f	23.111	0.149943	0.0796347	0.0564315	0.040273	0
36411431360397529	0	30.6164190421052	-7.24235297533603	2.57399681354479e-29	2.01854835645252e-29	f	22.8735	0.851443	0.0799336	0.0566433	0.0404242	0
36411431360397531	0	30.613994701102	-7.24229281446441	6.5669453083875e-29	4.74248763770855e-30	f	21.8566	0.0784092	0.080075	0.0567435	0.0404957	0
36411431360397563	0	30.6201392890697	-7.23808314283001	5.45412985132107e-29	3.8636841437762e-30	f	22.0582	0.0769131	0.0798252	0.0565665	0.0403694	0
36411431360397589	0	30.6216801054375	-7.23513411605583	1.36887244377037e-29	2.40364392518933e-30	f	23.5591	0.190648	0.0798111	0.0565565	0.0403623	0



# DBを使った研究

## SDSS



# DBを使った研究

## SDSS

広い

深い

微細





# Project Announcement



# Project Announcement

2017年初頭 PASJ HSC特集号投稿締め切り