

KURNS

status and plans

2018.05.24

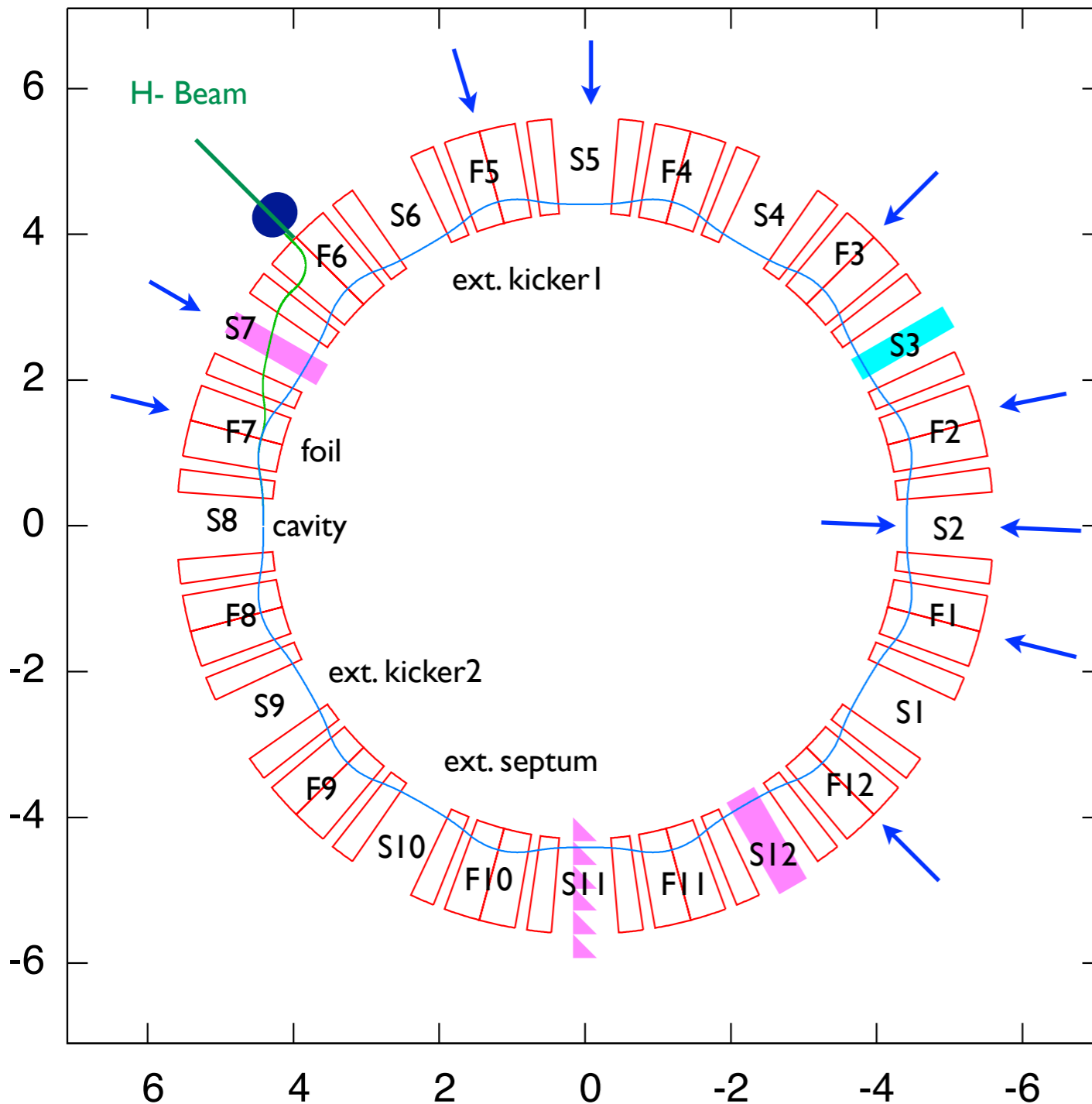
Tom Uesugi, Y. Kuriyama, H. Okita, Y. Fuwa, Y. Ishi, Y.Mori KURNS
Laura Mesthiviers, Thibault Le Meutte, Grenoble INP, Phelma
Kay Dewhurst Manchester Univ.

1. MERIT commissioning (an obligation to report results by September)

2. LINAC

- Ignitron firing power supply board was broken.
- It could be caused by humidity (~100%).
- Waiting for new boards, trying to fix the broken boards.

Available Monitors in ADJR-FFAG Ring rev.2

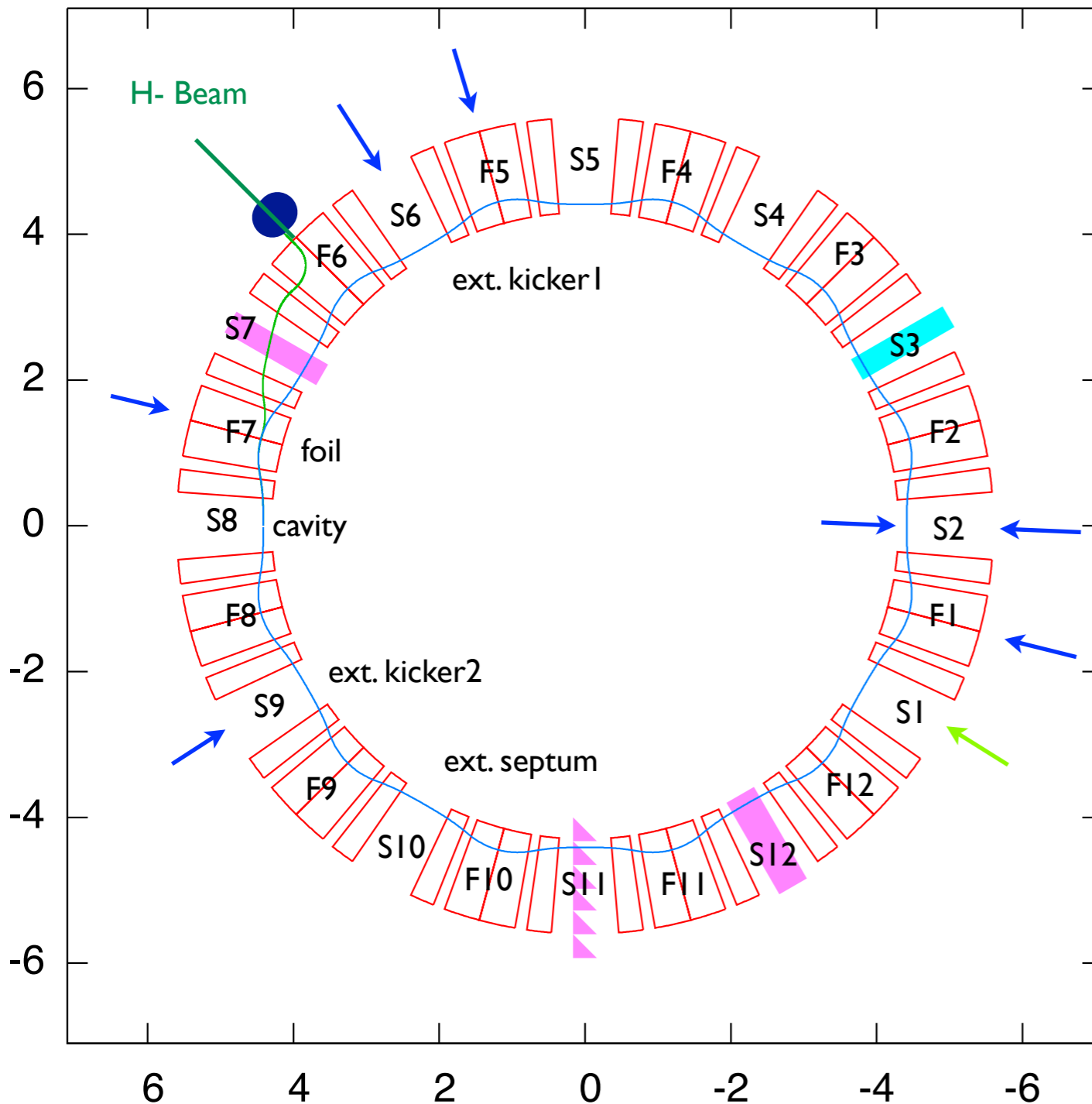


List of monitors

- 10 ports for radial probes (blue arrow, ICF70)
- 8 portable radial probes remote cntrl'd (one is used in MERIT)
- 2 portable radial probes manual cntrl'd
- 3 bunch monitors
- 1 faraday cup
- 1 screen monitor
- 1 vertical RF shaker (bunch monitor)
- 1 horizontal movable RF shaker

S1	
F1	radial probe
S2	radial probe / hor. rf shaker
F2	
S3	vert. perturbator
F3	radial probe
S5	radial probe
F5	radial probe
S6	
(F6)	Faraday cup / screen monitor
S7	bunch monitor
F7	radial probe /strip screen monitor
S9	
S11	bunch mon.(array of triangle plates)
S12	bunch monitor

Available Monitors in ADJR-FFAG Ring



List of monitors

- 7 ports for radial probes (blue arrow, ICF70)
- 4 portable radial probes remote cntrl'd
- 2 portable radial probes manual cntrl'd
- 1 unportable radial probe (green arrow)
- 3 bunch monitors
- 1 faraday cup / 1 screen monitor
- 1 perturbator

S1	radial probe
F1	radial probe
S2	radial probe / hor. perturbator
S3	vert. perturbator
F5	radial probe
S6	radial probe
(F6)	Faraday cup / screen monitor
S7	bunch monitor
F7	radial probe
S9	radial probe
S11	bunch mon.(array of triangle plates)
S12	bunch monitor