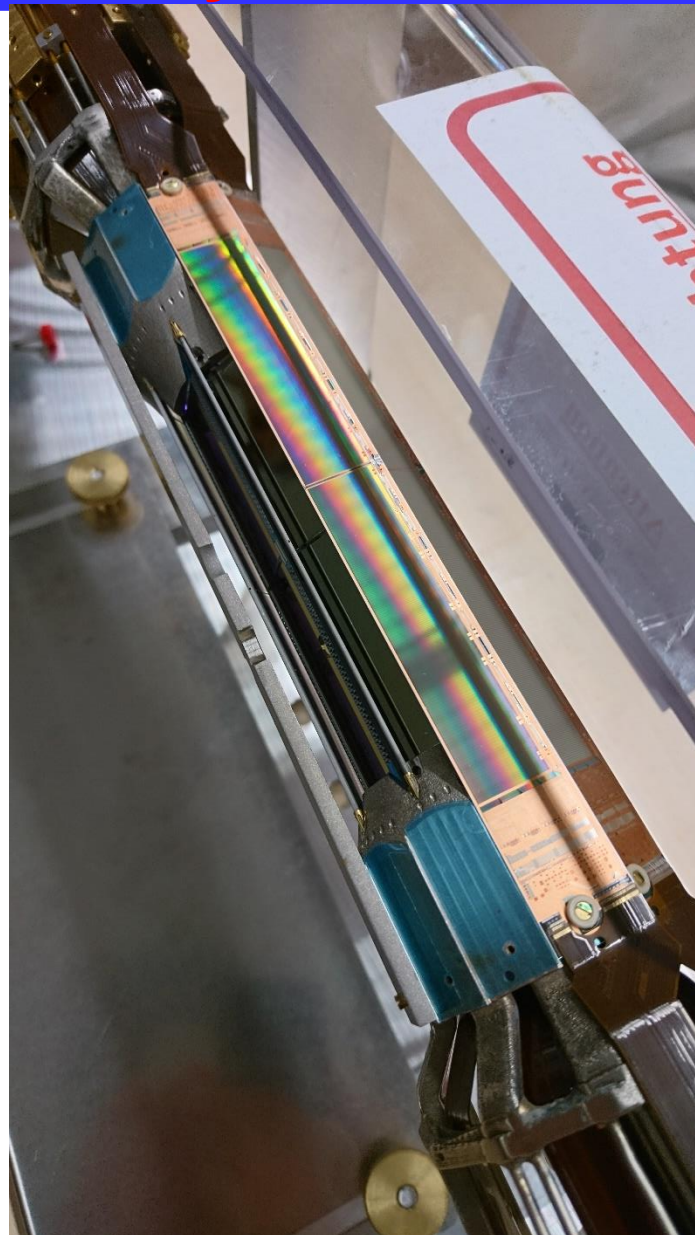
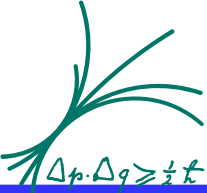


Module, Ladder, Half-Shell Assembly

- **Module overview**
- **Ladder overview**
- **Half Shell**
- **Schedule**





Module Overview



Kaptons: available (tested)

L1 fwd:	8
L1 bwd:	4
L2 fwd:	31
L2 bwd:	17

Module Overview

Inner FWD		soldered	bonded	graded	cycled	location	
1	W55_IF	ok	ok		D	Bonn	
2	W65_IF	ok	ok		D	Bonn	
3	W68_IF	ok	ok			Bonn	LK75?

BWD		soldered	bonded	graded	cycled	location	
1	W57_IB	ok	ok		B	yes	MPP
2	W61_IB	ok	ok		A	yes	MPP LK75?

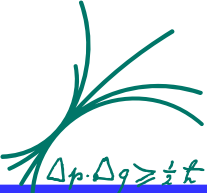
Outer FWD		soldered	bonded	graded	cycled	location	
1	W57_OF1	ok	ok	A	yes	MPP	LK72
2	W59_OF1	ok	ok			Göttingen?	
4	W56_OF2	ok	ok	A	yes	MPP	LK71
5	W56_OF1	ok	ok	A	yes	MPP	LK74?
6	W57_OF2	ok	ok	A	yes	MPP	LK73

BWD		soldered	bonded	graded	cycled	location	
2	W56_OB2	ok	ok	B	yes	MPP	LK72
3	W57_OB1	ok	ok	C	to test	MPP	
4	W59_OB2	ok	ok	A		Bonn	LK73?
5	W54_OB1	ok	ok	A	yes	MPP	LK71
6	W53_OB2	ok	ok	A		Bonn	LK74?

Inner: FWD: 1 to be tested
Outer: FWD: 4 ,A' available

BWD: 2 ,A' available
BWD: 3 ,A' 1 ,B' available

4 more L2 ladders (2 A/A, A/B) ready for gluing



Ladder Overview



Inner	series	fwd	bwd	grade	location
	2 L37	W05_IF	W42_IB	B/A	MPP
	3 L56	W37_IF	W06_IB	Ph II/C	MPP
	4 L57	W11_IF	W46_IB	B/B	MPP
	6 L61	W52_IF	W55_IB	A/A	MPP
	7 L62	W53_IF	W53_IB	B/B	MPP
	11 L66	W50_IF	W69_IB	C/B	MPP
	12 L67	W67_IF	W67_IB	A/A	MPP
	13 L68	W66_IF	W58_IB	A/A	MPP
	14 L69	W69_IF	W59_IB	A/A	MPP
	15 L75	W68_IF	W61_IB	?/A	

Outer	series	fwd	bwd	grade	location
	1 L42	W02_OF1	W03_OB1	?/B	MPP
	10 L52	W43_OF1	W33_OB1	A/A	MPP
	11 L53	W05_OF1	W04_OB1	A/A	MPP
	12 L54	W45_OF2	W10_OB1	A/A	MPP
	13 L55	W37_OF1	W37_OB1	Ph II/Ph II	MPP
	14 LK70	W60_OF1	W56_OB1	A/A	MPP
	15 LK71	W56_OF2	W54_OB1	A/A	
	16 LK72	W57_OF1	W56_OB2	A/B	
	17 LK73	W57_OF2	W59_OB2	A/A	
	18 LK74	W56_OF1	W53_OB2	A/A	

Inner: 6 ,A', ,B' ladder available, possibility for one more A

Outer: 4 A, 1 Ph II available, Material for 4 A,B

LK61, BWD repaired, FWD has problems -> checking

Schedule (Still 5 ladders to go)

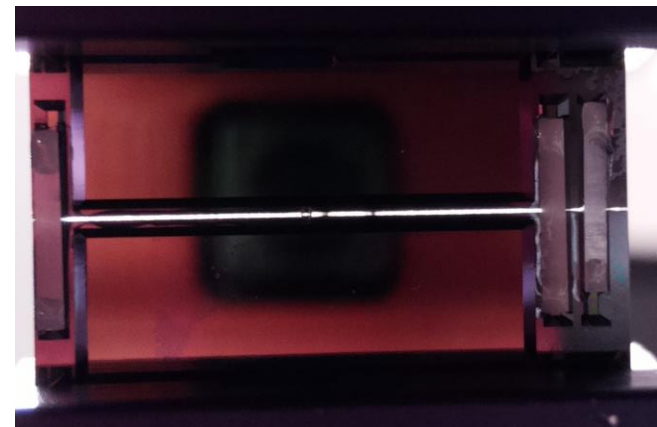
LK71: 17.5. – 20.5.

LK72: 23.5. – 25.5.

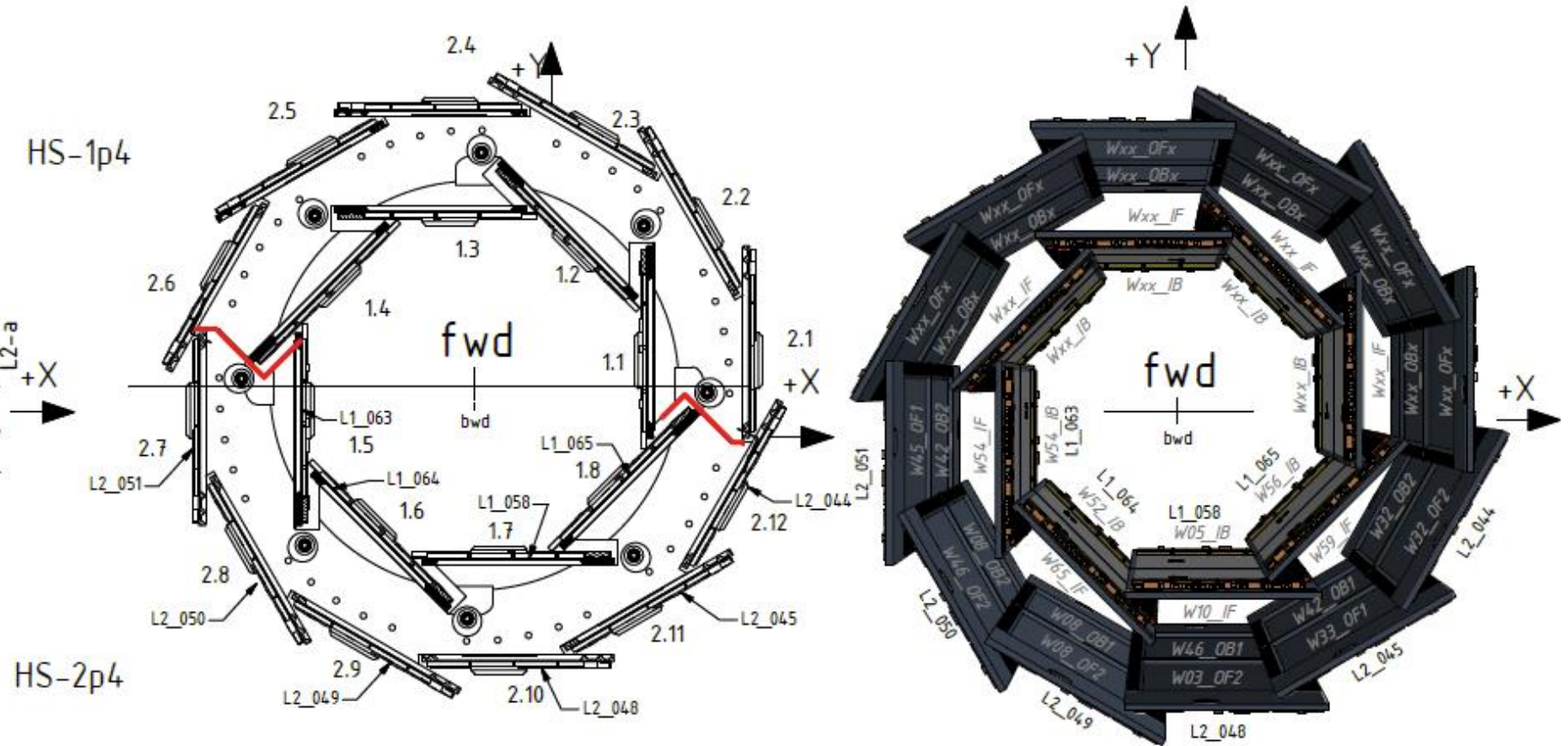
LK73: 30.5. – 2.6.

LK74.: 3.6. – 7.6.

LK75: 8.6 -- 10.6.



Position of Ladder on HS1



Team: Enrico Töpper, Carina Schlammer, David Kittlinger, HGM
(Miriam Modjesch, Markus Fräs, Markus Reif for testing)



- HS01 back at MPP
- Dummy ladders dismantled, no damage discovered
- Some preparation needed (replace foils, check and correct bending of pipes)
- 3-5 working days needed for full ladder mounting. Conservatively: finish end of June.