

Progress and Plan

Mingyi Dong

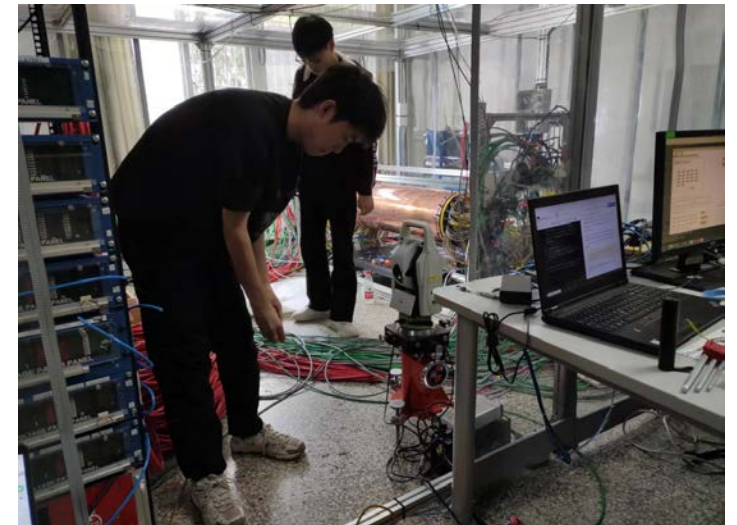
2024.10.7

Progress in the experimental hall last week

	Planned tasks last week	Time needed (day)	person in charge	Status
1	Preparation of CGEM in hall 3	3 (Sep. 29, 30, Oct. 1)	Italy team	done
2	Transport CGEM from hall3 to experimental hall and move it to interaction area	1 (Oct. 2)	Italy team and Facilities Operation group (Jing Xiaoping)	done
3	CGEM insertion preparation and insertion	3 (Oct. 3-5)	Italy team	done
4	Flange2 installation on east side	1 (Oct. 6)	Mingyi Dong	done
5	Align CGEM and fix it to the flanges on both sides	1 (Oct. 6-7)	Italy team	done

Laser measurement of CGEM in hall3

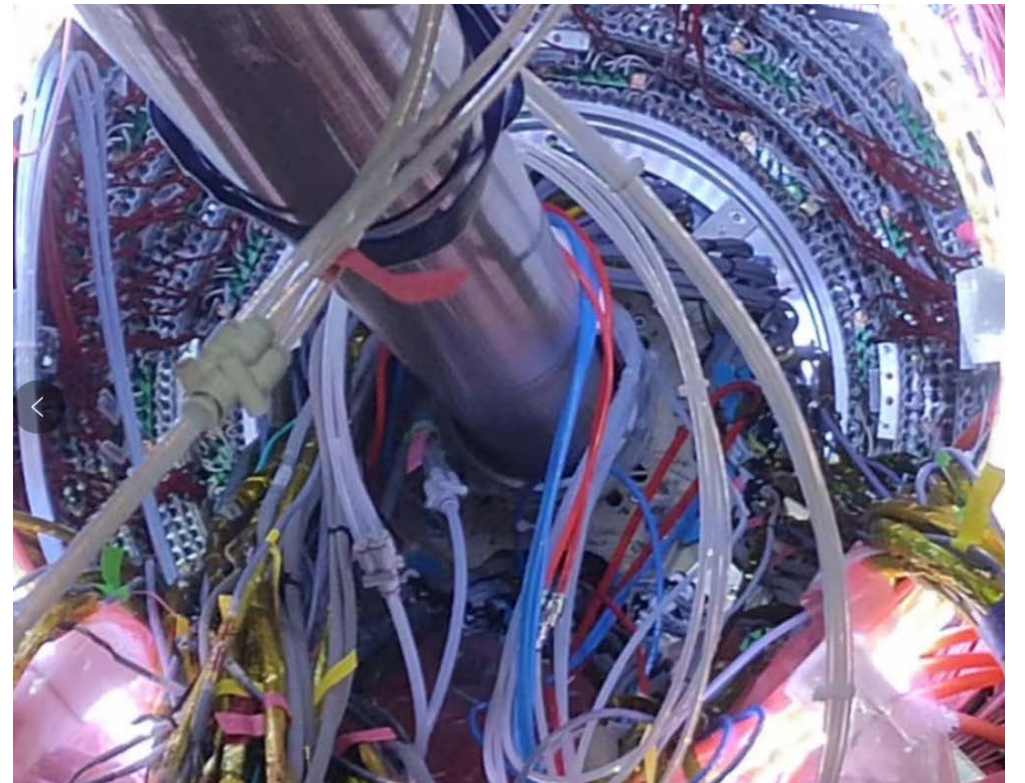
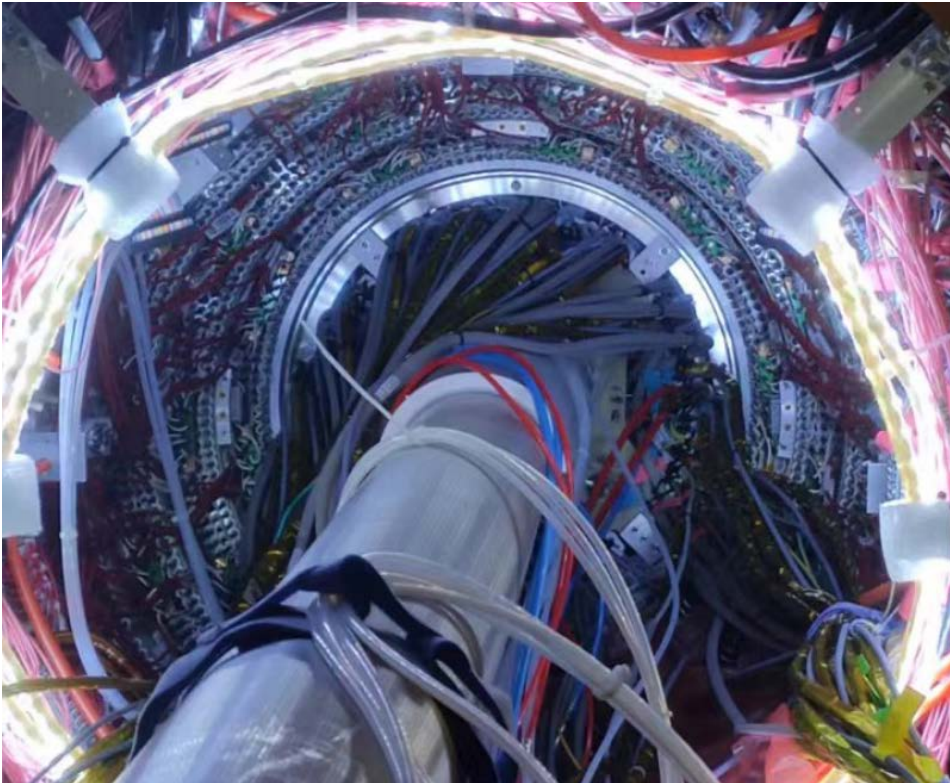
- Sep.30
 - Measured CGEM again in lab (room106)
 - The diameter of the cooling plate has shrunk well
 - The diameter of the part with copper film on the blue plate is still slightly larger



Tests points	diameter/mm		Maximum deviation/mm	Minimum deviation/mm
The part with copper film on the blue board	361.335	191.78	1.185	-0.866
The part of the blue board without copper film	360.863	191.544	0.117	-0.101
cooling plates	357.155	189.69	0.586	-0.596
Reference Copper Ring	362.307	192.266	0.165	-0.157

Installation of the east flange2

- Oct. 6
 - Installed the east flange2 (it is very difficult due to limited space)
 - The gas leakage will be checked after removal of the long rail



Plan for next week

	Planned tasks last week	Time needed (day)	person in charge
1	Remove the cable carriage of CGEM	1/2	Italy team
2	Remove the long rail	1/2	Facilities Operation group (Jing Xiaoping)
3	(1)Leakage check and gas sealing of MDC (2) Installation of the shielding plate on east side	1	Mingyi Dong
4	Laser measurement after installation of CGEM	1	Lingling Men
5	Remove the support legs on east side	1	Facilities Operation group (Jing Xiaoping)
6	Set up platform for CGEM electronics (GEMROC and low voltage crate)	2	Facilities Operation group (Jing Xiaoping)
7	CGEM cabling		Italy team

Backup

Schedule (may be updated each week)

N o.	tasks	Duration (day)	Start time and stop time	Sub-system involved	Status
1	Removal of equipment of machine		July 1- Aug. 6	Utility, Small angle lum. Detector and ZDD, Beam pipe, slow control	done
2	Pull-out of EEMC			Utility, EMC, TOF, MDC	done
3	Removal of inner chamber (Operate simultaneously on both sides)	51	Aug. 7- Sep.7 Sep.8- Sep. 28	MDC, MDC electronics, Gas, Mechanics, Laser measurement group, Trigger, DAQ, Slow control	done
4	Installation of CGEM	44	Sep.29- Nov. 11	CGEM group, MDC, MDC electronics, Gas, Mechanics, Laser measurement group, Trigger, DAQ, Slow control	On Schedule
5	Recover EEMC		Nov. 12-Dec.30	Utility, EMC, TOF, MDC	
6	Recover equipment of machine			Utility, Small angle lum. Detector, ZDD, Beam pipe, slow control	
total		180 days	July 1- Dec.30		