

InterLAC status

Weekly review of ongoing work and open tasks

02.07.2026 KW 27	https://wiki.gsi.de/InterLAC/WebHome
Author: GL	

1. Schedules and documentation

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Get feedback from WPs: what is needed to start work?	GL	09.06.26	
2	Find documentation of old RFQ → TRI & Sim.	GL	23.06.26	
3				
4				

2. Beam dynamics

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Beamline layout – ongoing (rough/envelope calc. first, then more realistic as refinement)	SY	11.06.26	
2	Need specifications of beamline/beam parameters → sent (waiting for feedback)	GL	11.06.26	15.06.26
3				
4				

3. Cavities

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	RFQ high power RF test plan → RF WP		11.06.26	
2	Order test amplifier	GL	11.06.26	
3		GL	16.06.26	
4				

4. Safety and Radiation Protection

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	“Freigabe” Einzelresonatoren für Arbeiten ← Freigabe Tunnel	TR, CP	16.06.26	
2	Define radiation protection requirements for tunnel wall & new exits	CP(?), HV, GL	25.06.26	
3				
4				

5. Technical Infrastructure

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Define power/water requirements in TU, SH2, etc.	GL, HV	26.06.26	
2				
3				
4				

6. Civil Construction

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Timeline for rad. protection wall? ← clarify radiation protection requirements	UF	12.06.26	
2				
3				
4				

7. Magnets

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	90° Dipole magnet refurbishment → Resistance checked, to be transported & scanned	MG	12.06.26	
2	Thermischer Test Doppelsteerer HLI	ThKn, CM	02.07.26	
3				
4				

8. Power Converters

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Identify available PS ↔ component list			
2				
3				
4				

9. RF Systems

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Discuss InterLAC RF system options	GL	11.06.26	
2	Produce timeline for RFQ tests		11.06.26	
3	Specification of bunchers for ordering RF systems	GL/HV	12.06.26	
4				

10. Beam Instrumentation

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Bestandsaufnahme (→ 09/26)	BWH, AR	25.06.26	
2				
3				

4				
---	--	--	--	--

11. Vacuum

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Preparation of vacuum & RF tests for RFQ	BM	19.06.26	
2				
3				
4				

12. Ion Sources

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Suitability check of 90° dipole	MG	12.06.26	
2				
3				
4				

13. Timing and Controls

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	What information is needed to start work? → questions sent, will be answered asap	PG, JP (?)	26.06.26	02.07.26
2				
3				
4				

14. Mechanical Design

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	BC2 buncher drawings for production → tbd	GL, HV	12.06.26	
2				
3				
4				

15. Mechanical Integration

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Deliver unknown component sizes	GL	26.06.26	
2	Setup first (dummy) model for InterLAC	AK	26.06.26	
3	Define position of InterLAC in tunnel	AK, GL	26.06.26	
4				

16. Logistics and Installation

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Storage of Alvarez tank next to beamline possible?	GL	16.06.26	
2	Can A4 be lifted with crane?	SerdA	16.06.26	
3	Storage space ERs	GL	16.06.26	

4	Closing of RFQ for vacuum & RF tests	DA, GuEm	23.06.26	
---	--------------------------------------	-------------	----------	--

17. Commissioning

#	<i>Issue/task/work – comment/result</i>	<i>Resp.</i>	<i>Date opened</i>	<i>Date updated</i>
1	Define UNILAC beamline after InterLAC removal (in case A4 is removed permanently..)	US	24.06.26	
2				
3				
4				