

Report from the PERLE Collaboration Board

Composition

Spokesperson:	Max Klein	PERLE Project Leader: Walid Kaabi
• BINP:	-	
• CERN:	Oliver Brüning, Mike Lamont	
• Cornell:	Georg Hoffstaetter	
• ESS Bilbao:	Ibon Bustinduy	
• STFC:	Deepa Angal-Kalinin	
• Cockcroft Institute:	Steward Boogert	
• JLaboratory:	Andrew Hutton	
• Liverpool U:	Carsten Welsch	
• Al-Najah U:	Hadil Abualrob	
• IJCLab / Orsay:	Achille Stocchi	
• LPSC /IN2p3:	Maud Baylac	
• Ex officio:	Walid Kaabi and Max Klein	

Main Tasks and Topics:

- Regular report on PERLE progress by Project Leader
- Endorse key design decisions: e.g. ESS cryomodule versus initial proposal of SPL cryomodule
- Agree with partner laboratories on timeline for PERLE implementation
- Discuss resource needs for PERLE
- Identify potential in-kind contributions and partner collaborations:
 - ALICE Source
 - J-LAB for RF developments and studies
 - discussions with J-Lab on the Booster
 - ESS Bilbao for SRF Cryostat → Buncher cavity
- Follow and Contribute to the ERL Roadmap
- Follow the CERN Council and LDG discussions
 - Coordination with iSAS initiative and other EU and national funding opportunities
 - Strategic partnerships: bERLinPRO and HZB

Recent Developments:

- HZB signed MoU with IJCLab
- Discussion on Outreach and Documentations
 - Publication needs and TDR goal → PERLE publication Series
- Discussions on the 2 Phase PERLE installation strategy
- New opportunity for an electron source for PERLE → Discussions with RI
- Need to ramp-up manpower for PERLE
- Discussions on required strategy for obtaining operation permission
- Max Klein asked for additional support for the PERLE CB Spokesperson
 - Appointment of a Deputy CB Spokesperson: Achille Stocchi