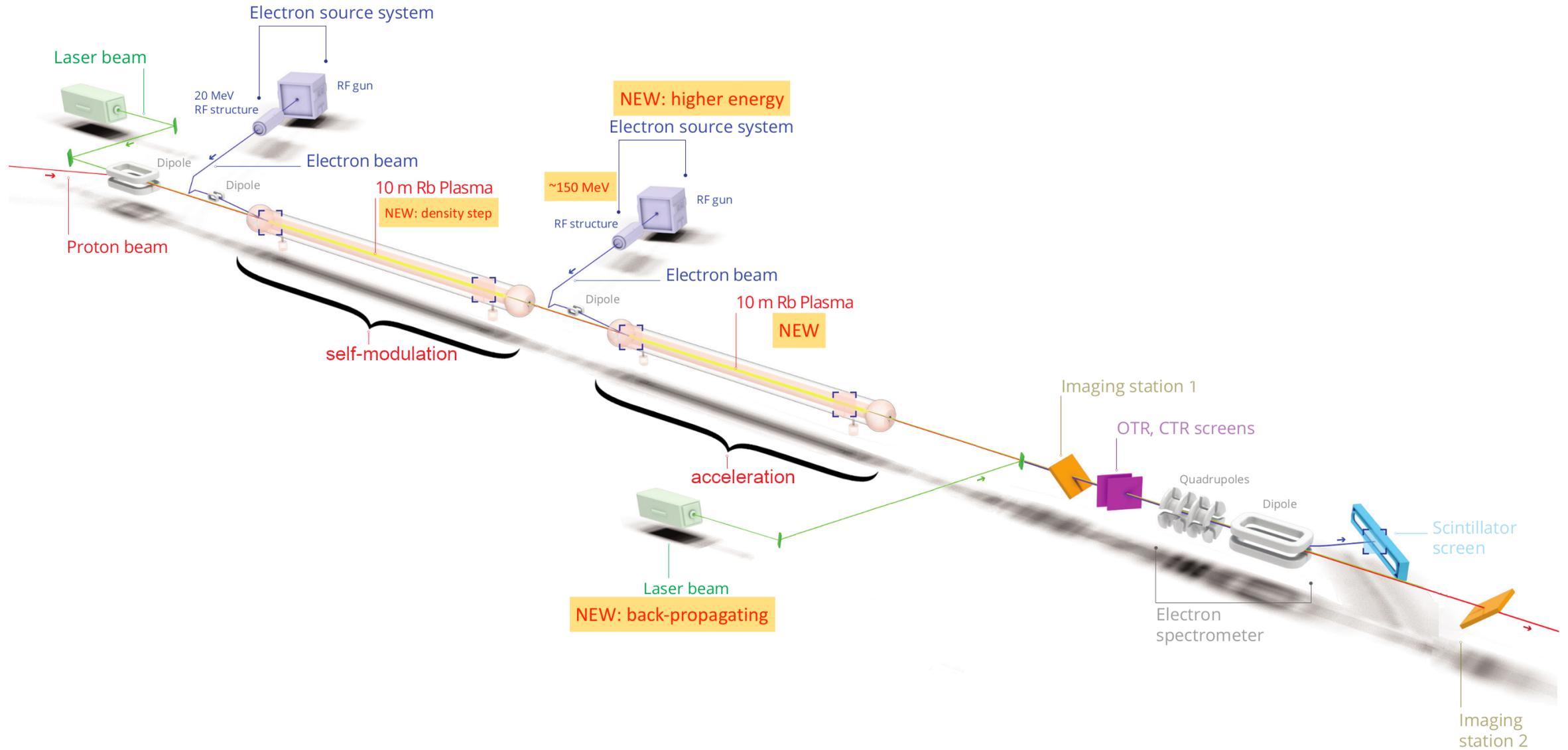


Simulations

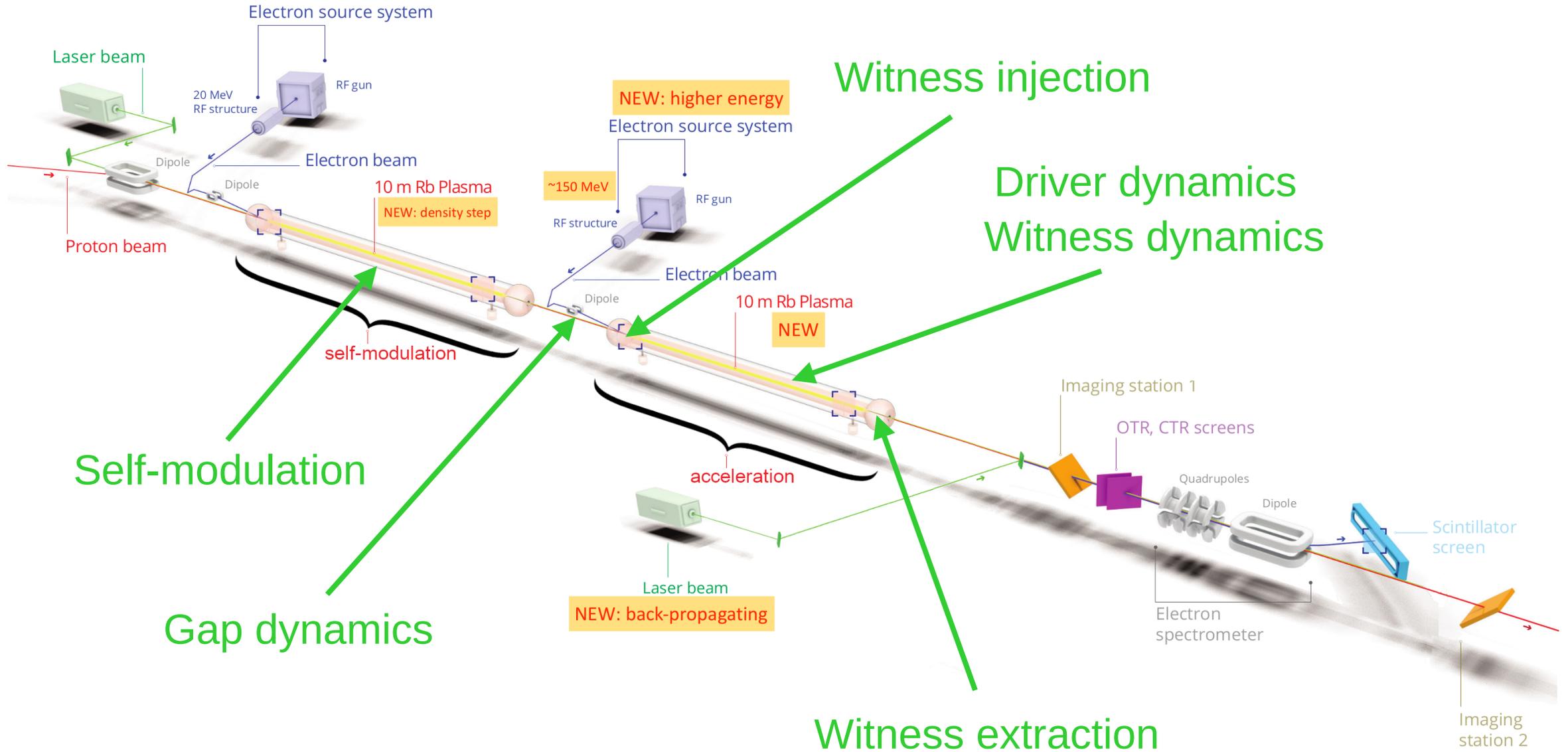
Collaboration Meeting
November 2024



Towards Run 2c



Towards Run 2c



Today



	Introduction 6/2-024 - BE Auditorium Meyrin, CERN	John Patrick Farmer	13:30 - 13:35
	Towards Laboratory Astrophysics in Plasma Wakefield Accelerators 6/2-024 - BE Auditorium Meyrin, CERN	Erwin Walter	13:40 - 14:00
14:00	Oscillation damper for misaligned witness in plasma wakefield accelerator 6/2-024 - BE Auditorium Meyrin, CERN	Konstantin Lotov	14:05 - 14:20
	Offset tolerances for Run 2c 6/2-024 - BE Auditorium Meyrin, CERN	Dr Thomas Wilson	14:25 - 14:40
	Considerations for a proton-driven collider 6/2-024 - BE Auditorium Meyrin, CERN	John Patrick Farmer	14:45 - 15:00
15:00	Towards full baseline simulations of Run 2c 6/2-024 - BE Auditorium Meyrin, CERN	Mariana Moreira	15:05 - 15:25
	General discussion 6/2-024 - BE Auditorium Meyrin, CERN		15:30 - 15:40

Proton beam filamentation

Witness injection

Witness injection in Run 2c

Witness dynamics beyond AWAKE

Everything all at once

After today

Excellent progress on simulation tasks for Run 2c.

LS3 and CNGS dismantling offers an opportunity for more emphasis on simulations. Many tasks still available!