LHCb Testbeam Programme
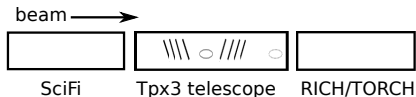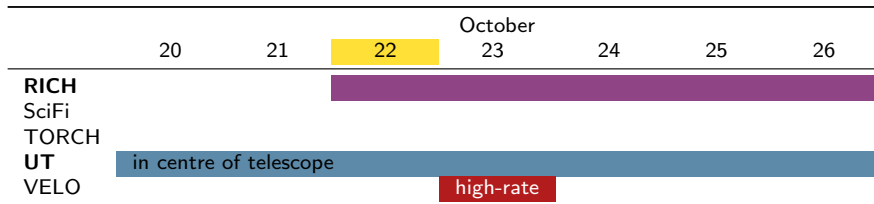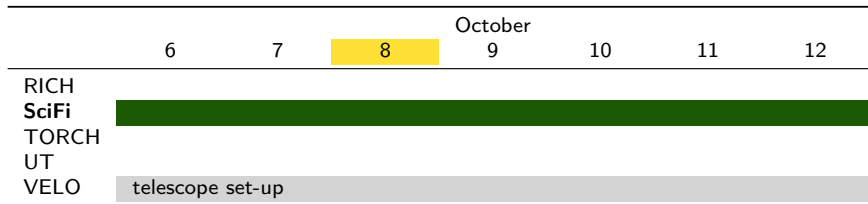
- Testbeam programme is dedicated to characterisation of prototypes for the LHCb Upgrade (to be installed in LS2).
- Beam time is shared between five subsystems
  - **Ve**rtex **Lo**cator (silicon pixels),
  - **U**pstream **T**racker (silicon strips),
  - **Sci**ntillating **Fi**bre Tracker,
  - RICH,
  - **T**ime **O**f Internally **R**eflected **CH**erenkov Light.
- Plan to keep setups installed during "breaks" (TOTEM, ATLAS MDT and ALICE FOCAL beam time) but retract material from the beam.

beam ⟶

SciFi   Tpx3 telescope   RICH/TORCH

LHCb Testbeam Programme

	6	7	October 8	9	10	11	12
RICH							
SciFi							
TORCH							
UT							
VELO	telescope set-up						

	20	21	October 22	23	24	25	26
RICH							
SciFi							
TORCH							
UT	in centre of telescope						
VELO				high-rate			

LHCb Testbeam Programme

	27	28	29	30	31	1	2
		October				November	
RICH							
SciFi							
TORCH							
UT	behind telescope						
VELO							

	24	25	26	27	28	29	30
				November			
RICH							
SciFi	backup						
TORCH							
UT	backup						
VELO							