Beam readiness dates after LS2

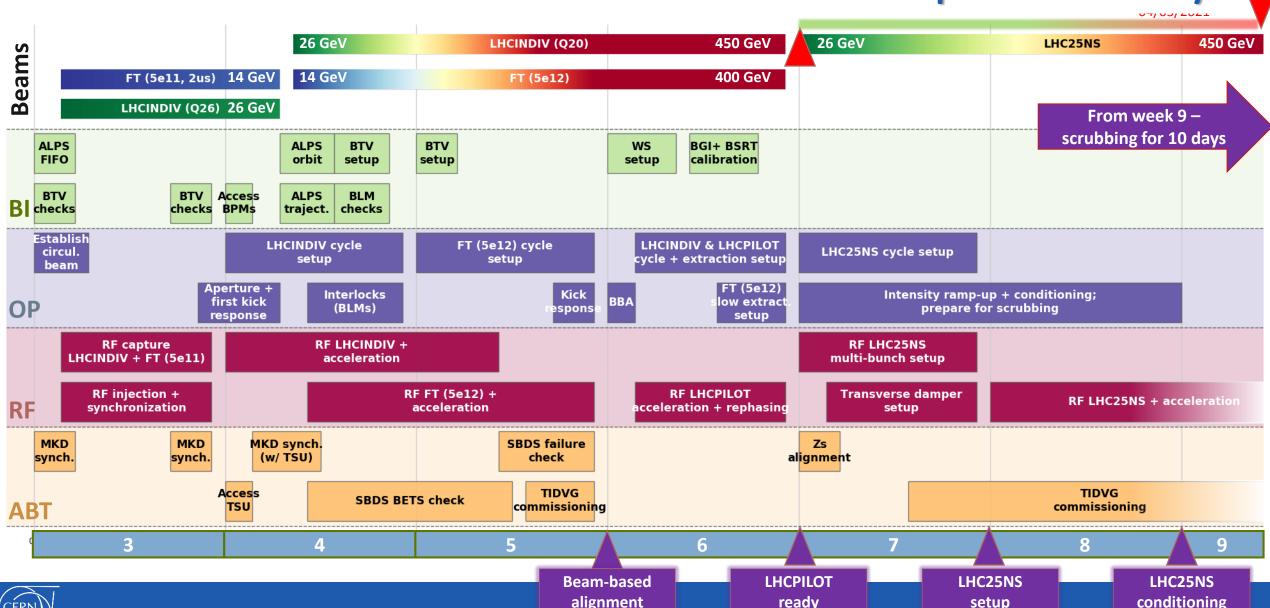
Kevin Li for the SPS BHC Team

SPS Beam and Hardware Commissioning Meeting

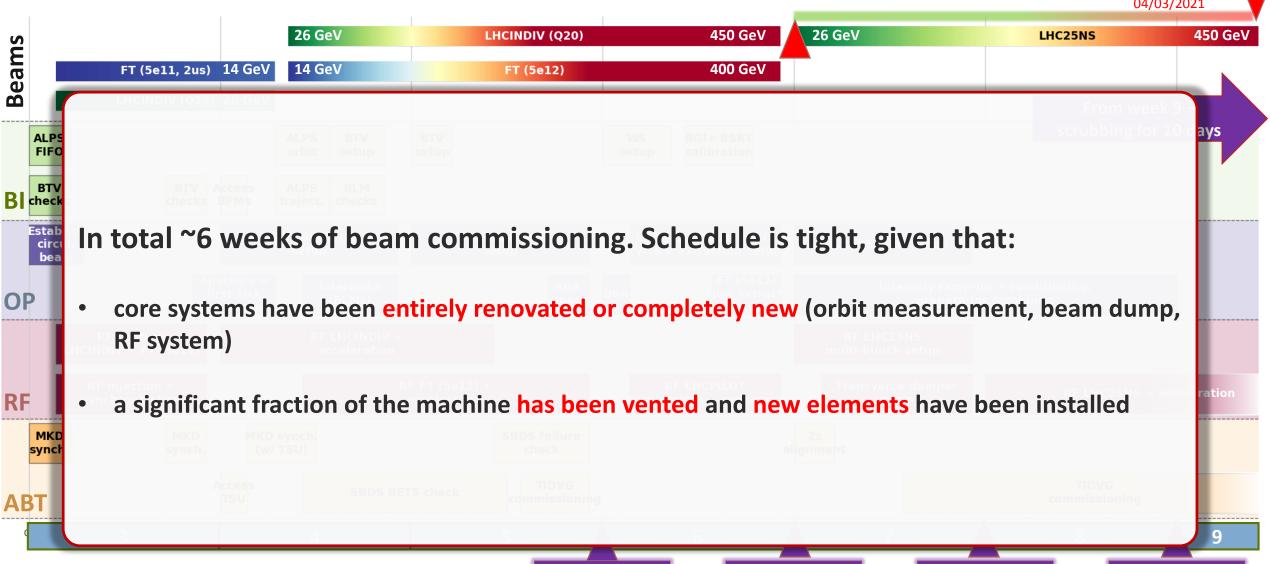
09. July 2019

THOUSAND POUM

Schedule as shown at the LIU Workshop in February



Schedule as shown at the LIU Workshop in Februille for LHC



Planning for beam delivery dates

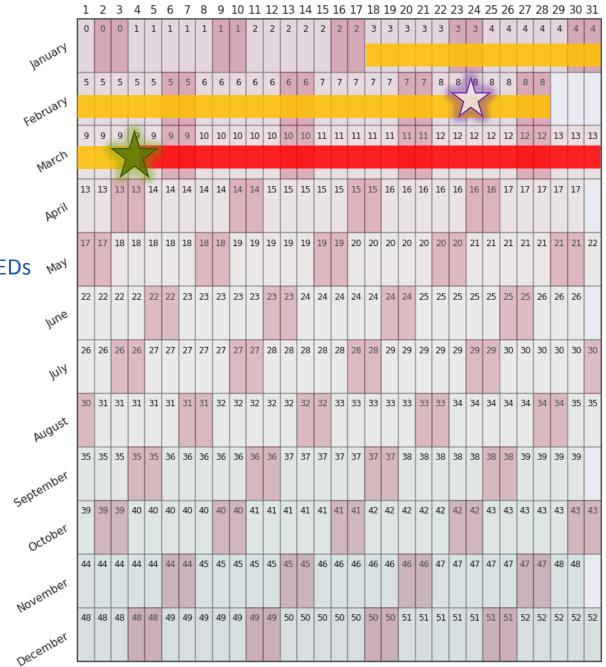
Beam commissioning – new machine with LIU upgrades; very little margin

Conditioning – vacuum, new machine element; scrubbing run and intensity ramp up. In parallel, setup and tuning of LHC beams.



Delivery of FT to TEDs 🚧







Planning for beam delivery dates

Beam commissioning – new machine with LIU upgrades; very little margin

Conditioning – vacuum, new machine element; scrubbing run and intensity ramp up. In parallel, setup and tuning of LHC beams.

LHC Proton run



Delivery of FT to TEDs 树

Easter vacation

Steering to targets

LHC Ion run



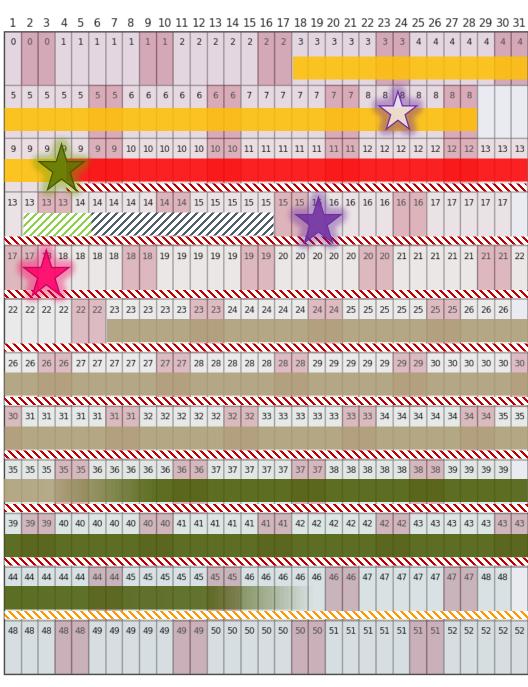
Delivery of FT physics

Start of MDs



Commissioning of slip stacking (MDs needed – priority!)







Planning for beam delivery dates

Beam commissioning – new machine with LIU upgrades; very little margin

Conditioning – vacuum, new machine element; scrubbing run and intensity ramp up. In parallel, setup and tuning of LHC beams.

LHC Proton run

LHC Ion run

Delivery of FT to TEDs 树

Easter vacation

Steering to targets

Delivery of LHC PILOT Delivery of FT physics

Start of MDs

Commissioning of ions (dedicated slots!)

Commissioning of slip stacking (MDs needed – priority!)





Beam readiness dates – tentatively

- Start beam commissioning 18.01.2021
- LHC PILOT → 04.03.2021
- FT on TEDs → ~24.02.2021 (sporadically possible)
- FT steering to targets → 06.04.2021
- FT Physics → 19.04.2021 (essentially a week later than 2018)
- AWAKE → after start of FT physics (19.04.2021)
- HiRadMat → after start of FT physics (19.04.2021)
- FT ions...?!



