Possible set of parameters for after LS1

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Number of bunches** | **Nb** | **Emit LHC (SPS)** **[um]** |
| 25 ns | 2760 | 1.15e11 | 3.75 (2.8) |
| 25 ns low emit (48 bunches/PS batch) | 2520 | 1.15e11 | 1.9 (1.4)  |
| 50 ns  | 1380 | 1.6e11 | 2.3 (1.7) |
| 50 ns low emit (24 bunches/PS batch) | 1260 | 1.6e11 | 1.6 (1.2) |

33 % blow-up in the LHC