

2nd strategy discussion: “goal 1” shift blocks

Success of ATF → federation of independent R&D teams
→ flexible & open user-operated facility
→ largely inherited by ATF2

Goal 1: 1) obtain $\sigma_y \sim 35$ nm at focal point
2) reproduce reliably small σ_y , maintain over time

- NEEDS all components of the entire facility to operate reliably, and all at once
- Operation ~ as for “luminosity” in facilities operated for physics

HOW to reconcile these requirements with our operation style ?

2nd strategy discussion : proposals

Short term:

- (1) continuous blocks of 6 shifts “dedicated to goal 1” every week,
- (2) define three rotating teams with:

1 BSM expert + **1 beam tuning expert** + **1 ATF operation expert**

- (3) support from the whole collaboration for analysis and software during operation

Longer term (for ATF3 ?):

→ operation with operators ?