

Transverse Emittance Blow up (15' + 10')

Thursday 31 January 2019 16:30 (25 minutes)

- Fundamental mechanisms of blow up, mechanism included in simulation.
- Luminosity model recap
- Emittance blow up along Run2
- Emittance blow up at injection, along the cycle and in STABLE (emittance from experiment, emittance scans, BSRT)
- BSRT calibration and influence on conclusions
- Observations in comparison to model: do we understand the extra emittance blow up?
- Scaling with brightness and intensity

Presenter: PAPADOPOULOU, Stefania (CERN)

Session Classification: Session 4: Beam performance during run 2