



Contribution ID: 9

Type: **not specified**

## Wrap up of Session 1: LIU beam performance reach

*Thursday 14 February 2019 09:30 (30 minutes)*

- Keywords: LIU target performance, risks, mitigations, challenges for post-LIU and beam commissioning, protons and ions
- Questions to be answered:
  - What are the baseline beam parameters for LIU and the alternative production schemes (protons and ions)?
  - What are the assumptions, do we need to review any of the assumptions based on 2018 experience or gained knowledge on some other items?
  - What we can definitely tick out from Run 2 experience and what we still need to study in LS2 and prove in Run 3 (simulation and post-LS2 MDs)?
  - How to balance pushing performance for protons and ions after LS2? Is slip-stacking with ions feasible in the first year?
  - Bunch-by-bunch variations within trains?

**Presenters:** RUMOLO, Giovanni (CERN); DAMERAU, Heiko (CERN)

**Session Classification:** Session 1: LIU beam performance