Brainstorming discussion of options for post LS1 LHC configuration

- **ATS vs nominal**
- **Injection**
  - **Vertical crossing in IR8**
  - **Beta* in IR1/5**
  - **Tunes**
  - **Ramp & squeeze**
- **Top energy**
  - **Beta* reach**
  - **Benefits of flat beams**
  - **Pre-squeeze of IR2/8 (see also ramp & squeeze)**
  - **High-beta:**
    - **Compatibility with ATS**
    - **Finally, putting beams in collision in longitudinal plane?**