AWAKE BPMs Status Quo

- **Proton-line BPMs**
  - **Pre prototype of the MOPOS / ALPS electronics**
    - No fiber installation, therefore adapted to coaxial
    - 50 – 100 µm shot-to-shot resolution
    - 20 MHz operation frequency
- **Electron-line BPMs**
  - **TRIUMF development**
    - New stripline BPM pickups
    - 400 MHz RF downconverter read-out electronics

- **Common beam-line BPMs of both systems**
  - **Neither the pBPM, nor the eBPM system can distinguish e and p bunches arriving simultaneously**
  - **More problems in presence of rubidium gas**

Responsibilities?

- **Electron-line BPMs (TRIUMF)**
  - **Maintenance, calibration, operation, modifications?**
    - Lars Soby is not available after LS2
- **Proton-line BPMs (CERN)**
  - **Maintenance is covered by BI-BP (Thierry)**
  - **Modifications, upgrade?**
    - Shall we try to upgrade to the SPS ALPS read-out system?
- **Common beam-line BPMs**
  - **Rubidium gas issue**
    - Currently no R&D foreseen. Manpower?
  - **Is there a need to resolve the beam positions of p and e bunches simultaneously?**
    - If yes, this requires R&D! Manpower!?