Discussion

- Need info on B layers / B erosion and transport
  - B layers properties (homogeneity, lifetime), H/B, erosion, retention, O gettering
  - B accumulation, flaking, dust
  - How lab samples (ref layers) compare to B layers in tokamaks (“tokamakium”)?
    - Several labs can produce B reference layers / Good analysis capabilities for studying B layers in EU
- Need for in-situ measurements
  - Integrated campaigns vs PM analys of samples exposed on manipulators/reciprocating probes
    - exposure time to air important parameter for PM analysis
  - Spectroscopy (see TOMAS), LIDS/LIBS, fixed or embarked or NRA (in UPP) → avoid exposure to air
  - Access to low Te plasma parameters (role of TOMAS), parametric studies (eg %He)
- Modeling of GDBs or erosion/transport of B/BH
  - Data from tokamaks needed for benchmark, synergies with linear devices (controlled exp.)
  - Improve diagnostic capabilities in tokamaks to access low Te (GDB, ICWC...) plasma parameters
    - role of TOMAS, other devices
  - Which atomic/molecular/cross section data are missing?