Wednesday 21st June 14:00 -15:30 : Individual WP3 meeting: General implementation

- Update of results on LPI:

Demonstration of beam loading in LWFA (A. Irman,HZDR)

- Discussion on the constraints defining the general implementation
  - Type and length of plasma for each stage
  - Laser beam focusing and coupling (input/output) for each stage
  - Electron beam focusing and coupling for each stage
  - Plasma chamber characteristics
- Discussion with WP9 on plasma source development for PWFA (M Ferrario, J Osteroff)

Wednesday 21st June 16:00-18:00 : WP3-WP5 joint meeting

- Electron diagnostics
  - 1600 (20mn) Diagnostics conceptual design of EuPRAXIA-like machine (A. Cianchi, Roma2)
  - 1620 (20mn) 6D characterization of witness beam before injection (B. Marchetti, DESY)
  - 1640 (20mn) Beam Diagnostics for Plasma Accelerators (**J. Wolfenden** , CI)
  - Discussion on plasma-based devices for e-beam diagnostics
  - 1700 (15mn) WP14: Challenges in diagnostics of ultrahigh 6d-brightness and laser insertion/removal (B. Hidding, U. Strathclyde)
- Compatibility with plasma implementation
- Plasma source (LWFA or PWFA) and diagnostics
- Radiation diagnostics

Thursday 22nd June 9:00-10:30 : WP2-WP3-WP4 joint meeting : specs and tolerance

Discussion on laser requirements and specifications :

- pulse duration, need of pulse trains option in the laser
- laser beam quality at focus and coupling to plasma
- energy requirements for injector/accelerator

Thursday 22nd June 11:00-12:30 :WP3-WP4 joint meeting : Implementation

- Diagnostics implementation
- Laser focusing and diagnostics before interaction
- Laser plasma alignment and control
- Vacuum system (gas load, sputtering)
- Activation (chamber, local shielding)
- Laser beam removal from electron axis and diagnostics after interaction

Thursday 22nd June 16:30-18:00 : WP3 meeting conclusions

- Summary of discussions: preparation of Friday report/output
- Organization of contributions for future reports