WP4 – Laser design and optimization

Wednesday afternoon : Individual WP4 meeting I :

Update on current projects focused on amplification stage and pump lasers

14h00 – 14H10: Introduction and WP4 objectives - **L. Gizzi (CNR) and F. Mathieu (CNRS)**

14h10 – 14h25: Current developments relevant for EUPRAXIA from Thales - **C. Simon Boisson (Thales)**

14h25 – 14h40: Update of Dipole Status - **P. Mason (RAL)**

14h40 – 14h55: Future directions on DPSSL at LLNL - **C. Siders (LLNL)**

14h55 - 15h10: News on P60 project - **F. Falcoz (Amplitude Tech.)**

15h10 – 15h30: PENELOPE status update - **M. Siebold (HZDR)**

Wednesday afternoon : Individual WP4 meeting II

More on Pump Lasers and Possible amplification concepts and list of key laser requirements

16h00 – 16h30: Overview of FBI status and roadmap - **P. Crump (FBI)**

16h30 – 17h00: Gain medium benchmark (introduction to open discussion) - **Z. Mazzotta (CNRS)**

17h00 – 17h30: Preliminary laser architecture schemes (introduction to open discussion) - **G. Toci (CNR)**

17h30 – 18h00: Sum up and list of key requirements to prepare common meeting with WP3 - **All**

Thursday morning 9.00-10.30
Shared WP2-3-4 meeting to discuss facility missions, laser specs and interfaces (to be confirmed)

Thursday morning: Individual WP4 meeting III: To set the starting point of a preliminary design and to establish a list of possible projects

11h00 – 11h10: Sum up of the shared meeting with WP3 - **L. Gizzi and F. Mathieu**

11h10 – 11h20: Review of the envisaged architectures - **G. Toci**

11h20 - 11h40: List of others key requirements to be addressed - **All – F. Mathieu**

11h40 – 12h20: List of point to be looked in detail, list of show-stoppers; list of possible projects to be financed and review proposals submitted for additional funding request. - **All**

12h20 – 12h30: Conclusive discussion and preparation of WP4 contribution at plenary on Friday All – **L.Gizzi and F. Mathieu**

Thursday Afternoon: Individual WP4 meeting IV: Conclusions and preparation of common session on Friday – L. Gizzi – F. Mathieu - All -