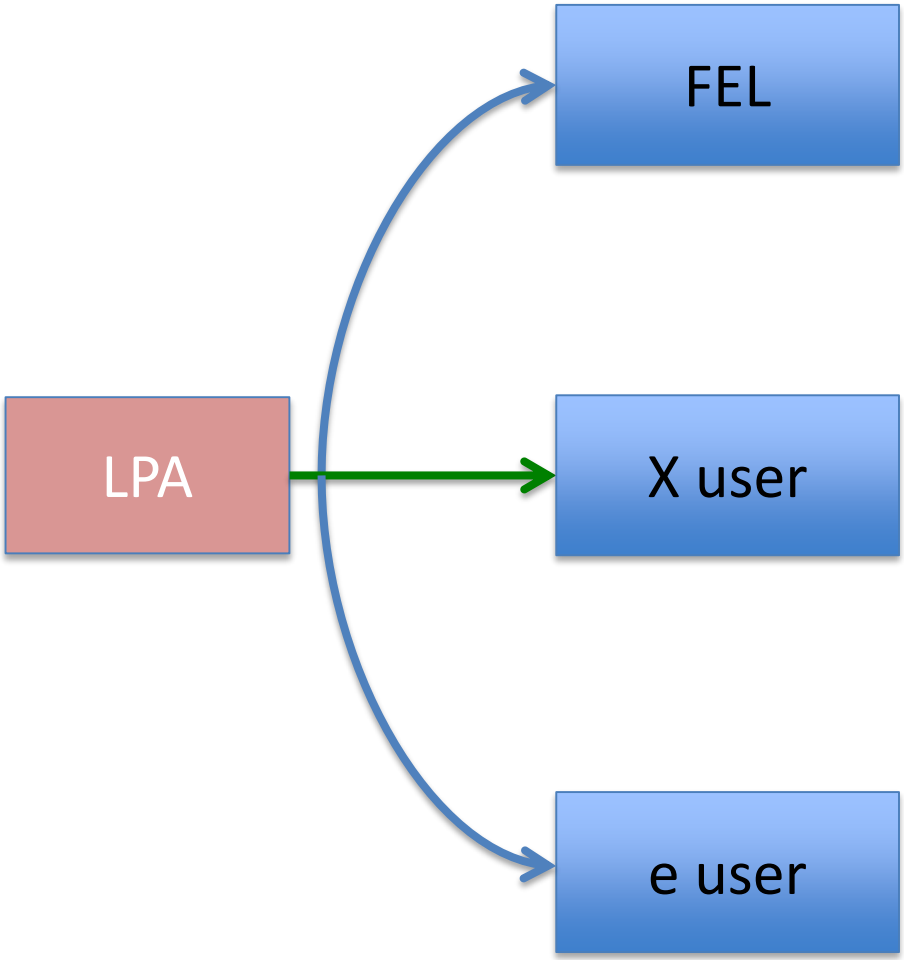
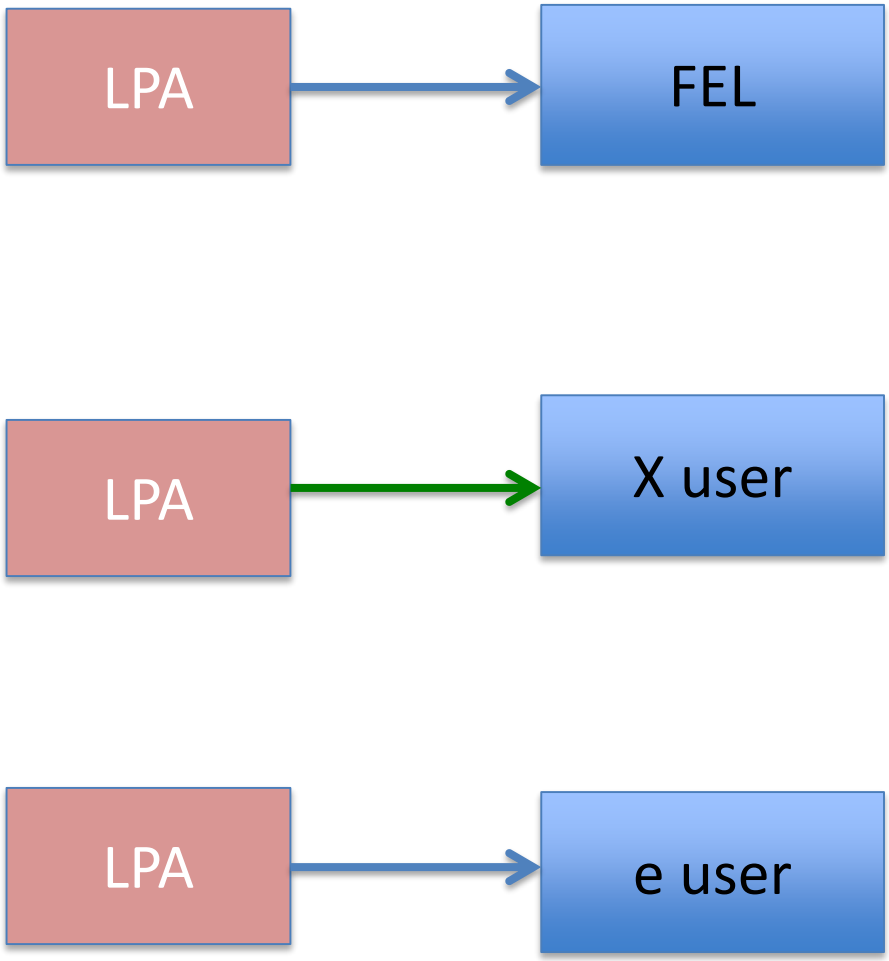
applications



imaging, biomedical, HEDP

HEP TB, HEP ph., RR, ICS, positrons, space, bunch diagnostics

applications and configurations



configurations

- switch the laser
  - easy (flip mirror)
  - cheaper? (plasma sources are not expensive, vacuum vessels are)
  - slow
  - risk of dispersion of efforts on several accelerators
  - multiple electron transport/conditioning lines

- switch the electron beam
  - fast (if kicker and good beam quality)
  - single but possibly more complex e- beamline
  - concentration on getting ONE LPA to specs

next steps

- specify electron / photon beam requirements for each applications (your input) regardless of implementation
- specify other requirements
- compilation in a first version of synoptic table
- circulation among participants (end of next week?)
- assessment of complexity (your input)

- assessment of feasability (EuPRAXIA)
- time ordering of pilot applications according to feasability
- feedback to users, iteration

mid-term future

- How to organize scientific and technical discussion between EuPRAXIA and applications?
- follow-up workshop? When?
- session on pilot applications for EuPRAXIA in EAAC17 (Isola d'Elba , sept 2017)

What do we expect from you

- provide parameters and requirements (infrastructure)
- how much effort are you willing to invest for refining?