Possible tasks

- Consider background in LUXE calorimeters
  - test BeamCal algorithms: high energy electron reconstruction on the low energy background;
  - LUXE layout is changing as we consider its integration with building infrastructure, usage of existing real magnets, new design of interaction chamber and laser related equipment.
  - Anthony constantly improving the code for OPPP, HICS and trident, the laser parameters (beam spot size in focus, intensity distribution) were also reconsidered and new signal MC will be generated at some point. It would be good to test it with Mykyta's analysis procedures.
- Study in simulation calorimeter presented by Roman and optimize its design for LUXE.
- TB2016
  - test and develop position reconstruction with tilted LumiCal;
  - Bremsstrahlung photon reconstruction in calorimeter: energy spectrum and polar angle distribution;
  - APV25 double readout calibration.