

EuCARD2 Mini Workshop on LLRF and Beam Dynamics Mutual Needs in Hadron Linacs



Monday 1 June 2015 - Tuesday 2 June 2015

European Spallation Source

Scientific Programme

This mini-workshop is consisted of three sessions:

- 1 - One session on beam dynamics challenges and losses caused by field jitter
- 2 - One session on challenges of the LLRF systems in high intensity linacs
- 3 - One session on implementation of the LLRF system in beam dynamics simulations

The goals of the workshop are to evaluate the significance of the imperfections in the cavity field on the beam, what is the best method to evaluate these losses, what is the best simulation methods or how to implement a LLRF model closest to reality into our beam dynamics.