

High Gradient Day at CERN Thursday 6.2.2014

The CLIC project relies on large scale industrial capabilities to produce high gradient normal conducting accelerator structures, as well as high efficiency and high peak power RF power units for L-band and X-band, and in related projects, C-band. At this point several of the key CLIC technologies have reached a level of maturity where applications in other areas than particle physics is considered and can open new possibilities.

With this in mind we hereby invite laboratories, projects and industries with interests in these topics, including other frequency structures and power units, to an open "high gradient day" at CERN Thursday 6.2.2014. ☺☺

The programme foreseen is as follows (draft):☺

Morning (9-12:30 including 30 min coffee break):☺ FEL related projects and technologies, focusing on opportunities linked to high gradient systems.

Afternoon (14:00-15:45): Medical applications of high gradient systems
Coffee Break

Afternoon (16:15-18:00): Industrial applications of high gradient systems.

In parallel with these sessions there will be discussions and presentations with focus on low emittance collaborative studies in the afternoon, likely to also be of interest for some of the participants.

The meeting will also allow informal contacts between existing and potential users and relevant industries, during discussions, break and a drink offered to all participants at the end of the day.