

## Accelerator Design & Integration Workshop

### SLAC - July 20-21, 2009

**General Description:** This workshop is intended to be working sessions and not oriented to formal presentations. Certainly descriptions of the current state of Area System design are expected. However, the focus will be on interactive discussion to identify and evaluate machine layout, heat loads, cooling and utility requirements and any other criteria that will influence a comprehensive Conventional Facilities design solution. The CFS Group has developed a series of excel spreadsheets to record and document the criteria presented. This information will be loaded onto the EDMS system for common reference and will be updated as more information becomes available. Webex links will be provided for remote access to the discussions. The primary goal for this meeting will be to develop the information required for the CFS Group to form a complete revised base design that incorporates all current aspect of Area System design and the effects of the SB 2009 working assumptions. This effort will be concluded at the next AD&I Workshop at the Cockcroft Laboratory in Daresbury, UK on September 3-4, 2009.

#### **Monday, July 20, 2009**

- 8:30 – 10:00 Introduction and Overview of Goals – Ewan Paterson, Vic Kuchler, Tom lackowski
- 10:00 – 10:30 Break
- 10:30 – 12:00 Electron Source - Axel Brachman and John Sheppard
- 12:00 – 1:00 Lunch
- 1:00 – 2:30 Ring To Main Linac – Nikolay Solyak
- 2:30 – 3:00 Break
- 3:00 – 5:00 Main Linac – Chris Adolphsen

#### **Tuesday, July 21, 2009**

- 8:30 – 10:00 Positron Source – Jim Clarke, Norbert Collomb
- 10:00 – 10:30 Break
- 10:30 – 12:00 Damping Ring – Susanna Giuducci, Norbert Collomb
- 12:00 – 1:00 Lunch
- 1:00 – 2:30 Beam Delivery System – Andre Seryi
- 2:30 – 3:00 Break
- 3:00 – 5:00 Overview of Central Region – Ewan Paterson, Vic Kuchler, Tom Lackowski