Systems Integration

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Systems Integration

- Bringing together all of the individual components into a self consistent positron source
- Taking account of the whole of ILC so that the overall performance and cost is optimised
- Learn lessons from RDR phase
- The greatest challenge will be communication amongst ourselves and (even harder) with the other ILC areas
- Internally within the positron source it is up to us
- Externally we should benefit from (make use of) the project managers

External Areas

- Conventional magnets
- Controls
- (Standard) vacuum systems
- Services (eg utilities)
- Installation effort (eg inventory control)
- CF & S
- Instrumentation

- Need clear lines of communication - two way dialogue to optimise design & cost

Team Communication

- Continue to hold 3 team meetings per year (nominally!)
- Parallel sessions at major GDE meetings
  - Only if appropriate
  - These have not been particularly efficient so far
- PM review meetings as well (2 per year) ?
- Make more use of new technologies like Webex
- http://www.ippp.dur.ac.uk/~gudrid/source/
- ph-ilc-positronsource@durham.ac.uk
- Work packages will provide a structure for our studies and try to ensure no effort is wasted