



Summary



NCLinac Kick-Off
CERN, 27-Mar-2009



WHERE DO WE STAND AFTER TODAY'S MEETING?

provisional summary (Erk Jensen)

3 – 2 – 1 – we have ignition!

- The first objective – shaking everyone awake – is reached. We have actually lift off.
- Thank you all for your constructive participation!
- Organisational structure:
 - Steering Committee: OK
 - Publication board: OK, with “filtering” on task level. For me to coordinate with project management
 - Task steering committees: not formal – task leaders decide on the need.
 - Scientific Advisory Board: OK – suggestions?

NCLinac collaboration meetings

- Technical/scientific meeting, twice per year, coordinated with CLIC Workshop
- Invite a wider community (5 ... 10 per beneficiary ...?)

The 11 NCLinac partners (beneficiaries)

#	Short name	Full name and hyperlink	Country
1	CERN	European Organization for Nuclear Research	INO
6	CIEMAT	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas	Spain
7	CNRS/LAPP	Centre National de la Recherche Scientifique	France
17	INFN/LNF	Istituto Nazionale di Fisica Nucleare	Italy
20	PSI	Paul Scherrer Institut	Switzerland
22	RHUL	Royal Holloway University of London	UK
25	STFC/ASTeC	Science and Technology Facilities Council	UK
28	UH	Helsingin Yliopisto (University of Helsinki)	Finland
33	UNIMAN	University of Manchester - Cockcroft Institute	UK
34	UOXF-DL	The Chancellor, Masters and Scholars of the University of Oxford	UK
36	UU	Uppsala Universitet	Sweden

We would be happy to have additional, “associated” partners, without any administrative overhead. Both – as observers and actual contributors

More things I noted:

- EC will measure “success” by reports – please help to get them right.
- In particular, help make the external reports on time – otherwise payment delayed!
- It has become very clear that NCLinac is well embedded in a healthy and ongoing R&D program – this is very good and will allow a “flying start”.
- The above seems to be true for both CLIC and ILC.

Task preparation

- The preparation of the 4 tasks is progressing very well – I'd like to reiterate my thanks to the task coordinators, persuaded that the tasks are in very competent hands, and confident that NCLinac will be a success.

Process of refinement of planning and spending profile:

- Intermediate (internal) milestones are still under discussion with the partners, but a first draft exists. This is already very useful – thank you very much (to the task leaders and the partners)!
- Thanks also for the spending profile, where also a 1st iteration was presented – thank you! (Task 4: not yet fully – depends on planned hiring – I'll make some assumptions)
- Both these will help me to report to EuCARD SC next Fri!
- But of course – the refinement process will have to continue ...

NCLinac – CLIC

- NCLinac covers very important R&D issues for CLIC
 - Understanding breakdown,
 - Alignment, influence on HOM
 - Decelerator structures (PETS integration)
 - Drive beam validation (phase stability)
 - Preservation of small emittances,
 - Stabilisation
- Fits well bridging after the CDR

NCLinac – ILC

- Even a SC linac has 30% NC acc. Systems
- Timescale fits very well with TDP (-> 2012)
- Main points of contact: BDS & MDI
- In BDS: alignment, stabilisation, emittance tuning, laser wire, precision BPMs, feedback

- Please suggest associated partners
- Please suggest potential members for “External Advisory Board”