

Following information are sent to Chris Adolphsen(ML leader) and Andrei Seryi(BDS leader)

ILC LET Beam Dynamics Manpower

Europe (DRAFT by Daniel Schulte, 2007.08.20)

Roger Johnes, Manchester University, simulations, long-range wakes
Grahame Blair, full BDS simulations, IR optimization and backgrounds
Angeles Fauss-Golfe et al., IFIC, ATF2 extraction line
Phil Burrows, Oxford, cradle to grave simulations
Javier Resta Lopez, Oxford, cradle to grave simulations
Roger Barlow et al., collimator wakefields and their impact, beam halo
Philip Bambade et al., ATF2, programme development
Dirk Kreucker, DESY, simulations, code development
Freddy Poirier, DESY, simulations
Andrea Latina, CERN, simulations, code development
Peder Eliasson, Uppsala University, simulations
Helmut Burkhardt, CERN, halo and tail generation
Daniel Schulte, CERN, simulations

Asia (DRAFT by K.Kubo 2007.0731)

Kiyoshi KUBO (KEK): RTML – ML – BDS etc.
Shigeru KURODA (KEK): ATF2 (BDS)
Toshiyuki OKUGI (KEK): ATF2 (BDS)
Dou WANG (IHEP) (Student under Jie GAO): Main linac
Eun-San KIM (KNU): Bunch compressor
(Sunyoung Ryu (KNU): Cold BPM performance, wakefield)
(IL-Moon Hwang (KNU): Alternative ac. cavity wakefield)
(Seunghwan Shin (KNU): Warm BPM wakefield)

(): Their works are design and/or estimation of performances of components, and may not be “Beam Dynamics”.

Fermilab (DRAFT by N.Solyak 2007.0731)

Nikolay SOLYAK: RTML – ML.
*Alex VALISHEV: ML Lattice design and matching to RTML/BDS. Management of ILC lattices, version control at FNAL repository
Paul LEBRUN: ML, feedback system and dynamic simulations CHEF
Valentin IVANOV; ML – adaptive alignment
Francois OSTIGUY: ML, Undulator, Model for undulator, emittance preservation. Support CHEF code.
Manfred WENDT: Cold BPM design, electronics

Andrei LUNIN: Cold BPM design, performance, Cavity wakefields
*Slava ASEEV (ANL-FNAL): ML, long range wakefields, specs for high harmonics in magnets
**Kirti RANJAN (Dehli Univ.): ML
**Yuri EIDELMAN (BINP, visitor) – ML, beam diagnostics in warm sections.

*Working Part time on ILC project

**Under discussion

SLAC (SLAC ILC BD meeting, 2007.08.14)

Glen White: ATF2 controls, flight simulator via Lucretia, HA PS controls, magnet mover controls, ATF2 and BDS tuning studies, Start to End (S2E) infrastructure, crab cavity tolerances.

Sergei Seletskiy: IR simulation tool (the most recent developments should finish this month); ATF EXT emittance growth via 2D/3D field map tracking; RTML optics design.

Feng Zhou: electron source, gun lab work and injector design; positron source transport design and collimation, which should finish soon; ATF2 EXT studies with Sergei and Mark. Feng would like to join ATF2 commissioning.

Mark Woodley: ATF2 optics design; ILCBDS optics, RTML-IP integrated optics; ATF BPMs and BBA. Mark is willing to be the senior deckmaster for the EDR, a position he held previously for NLC and for ILC.

Mauro Pivi: electron cloud experiment at PEP2, ecloud simulation code development; Mauro would also like to join ATF2.

Yunhai Cai: DR work (WPs still under development); interested in ATF2; currently heavily involved in PEP-2, but this work will wind down in the near future.

Karl Bane: ring impedance, linac gradient optimization, wakefields.

Gennady Stupakov: ring impedance, impedance theory, collimators.

Jeff Smith: LARP collimators. Ultimately Jeff will be 25% ILC and would like to continue work on the RTML emittance preservation. He also has expertise in spin tracking and had thought to look into applying this to the e⁺ production undulator, but it's not clear that there's much need for this.