

- Top workshop: 6/7/2016 – 8/7/2016 at KEK
Indico: <https://agenda.linearcollider.org/event/7020/overview>
- 41 registered participants
Theorists, experimentalists from both LHC and LC world
=> Group of ~50-60 persons are working worldwide for top at the LC
Nice example for (regular) overarching effort
- Excellent presentations, lot's of room for discussion
- Introduction (Public session)
 - Welcome to KEK (DG of KEK)
 - Status of ILC (Y. Okada)
 - Keynote by Michael Peskin on role of top quark for BSM searches
- Hot News [Top@LC2017](#) will be organized at CERN

- Top at threshold
 - $Q\bar{q}$ threshold code (Y. Kiyo)
 - Impact on NNNLO calculations on top mass measurements (F. Simon)
 - Alternative scheme to reduce scale uncertainties (not only) in QCD (S. Brodsky)
- Top in continuum
 - Top mass
 - New method:, top mass from calibration of event generator (A. Hoang)
 - e.g. $ee \rightarrow t\bar{t}$ (thrust, theory calculation)
 - Brand new method: Top mass from b-jet energy (R. Franceschini)
 - Electroweak top couplings
 - Extension to EFT Framework (Perello, Durieux)
 - Move towards NLO electroweak Framework (better understanding of elw. Corrections, transfer to interpretation of results?) (LeDiberder)
 - Revision of RS for ILC (J.M. Yoon)
 - Don't forget QCD uncertainties (H. Zhu)
 - Top and SUSY (R. Franceschini)
 - Stop production
 - $t \rightarrow$ BSM (e.g. neutralinos)
- Generators
 - Progress on WHIZARD (B.C. Nejad)
 - Progress on GRACE (Kurihara)



- Experiment LHC (T.J. Kim)
 - Overview on ATLAS, CMS results including first 13 TeV results
 - Top at LHCb
- **Experiment ILD** (see also last ILD Meeting)
 - Top from radiative events
 - ILD reconstruction tools and new ideas on jet clustering
 - Vertex finding and Particle ID
 - Vertex charge
 - Fully leptonic event selection

- Contacts by Jenny (and Frank) with Michael Kluthe on future measurements of alphas at ILC (maybe including low energy data)
- b-quark production will be part of top/QCD working group (e.g. Initial studies at LAL)
- Top mailing list still to be created