

**Short summary notes of the 20/9/2013 editors meeting for the CLIC physics input to the Snowmass process**

Present: Tomas Lastovicka, Lucie Linssen, Philipp Roloff, Andre Sailer, Frank Simon, Mark Thomson, James Wells

<http://indico.cern.ch/conferenceDisplay.py?confId=265474>

**Conclusions on recommendations and actions:**

1. Update the document on arXiv before the end of September<sup>1</sup>, final version (!), add a comment to the introduction/conclusions that this is a current “snapshot” of the situation.
2. About Mark’s ongoing analysis of HZ with Z decaying to qq; this analysis is also linked to deriving the invisible width ⇔ it was decided that this analysis is not yet sufficiently mature to be included in the release.
3. Updates on several individual analyses need to be checked ⇔ **action Mark and Philipp**
4. Check the stars and daggers in Table 4 ⇔ e.g. remove dagger from ttH, possible action on Zgamma ⇔ **action Philipp**
5. Figure 9: add the values of alpha/beta and a reference to the model used. **action Mark**
6. Do we include a reference to the LCD note describing the combined fits? ⇔ yes; leave also the ILC-type fit in the LCD note, adding a disclaimer statement. **action Frank**
7. Calculate the ZZ fusion enhancement with polarization and include it in the paper ⇔ **action Philipp**
8. Send the paper for review to the authors by September ~26th
9. Set the deadline for the Higgs studies before the end of December and nominate a few editors for the CLIC Higgs paper ⇔ **action for follow up at the CLICdp 2-day meeting**

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<sup>1</sup> Check with Michael Peskin and Chip Brock whether the date is maintained. **Action Lucie**