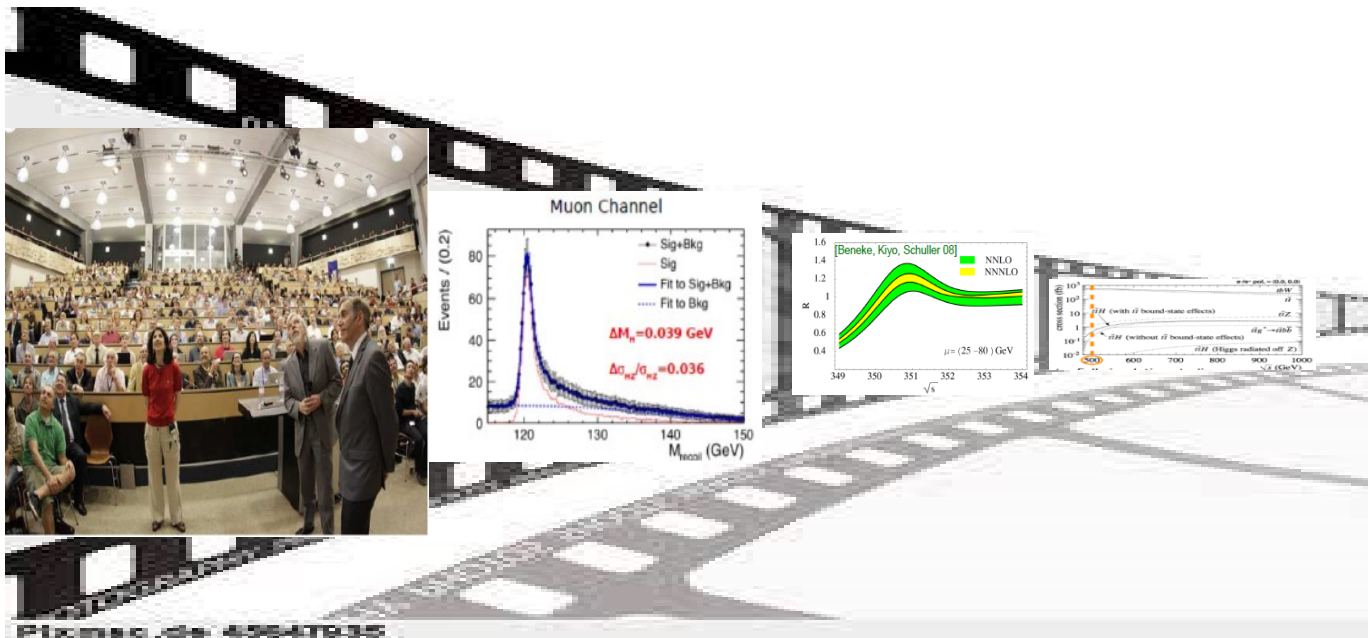


LC Review - Status

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LINEAR COLLIDER COLLABORATION

Once upon a time ...there was

- the idea: update of LC physics case
(‘update of TESLA/NLC/JLC TDR physics part’)
 - In view of LHC results
 - Comprehensive overview
 - Journal paper (EPJC)
 - Phenomenological / theoretical aspects
- The review should
 - Complement the ILC/CLIC TDR’s
 - Not be ‘too’ machine specific ($\sqrt{s}=92-3000\text{GeV}$) and not ‘political’ (includes also $\gamma\gamma$ -, $e\gamma$ -option)

Constraints

- From Journal:
 - Should be a review but wrt current LHC resultsand there are still many ongoing
 - We started before July 4, 2012.....!
- ‘Our’ side:
 - Cover ‘complete’ LC energy range (ILC+CLIC)
 - Cover ‘complete’ physics case

Structure

- 'Senior' head: Peter Zerwas
- Advisory Board+LHC Contacts
- Conveners for physics topics:
 - K. Fujii, P. Zerwas
 - Y. Kiyo, P. Uwer, F. Simon
 - S. Heinemeyer, D. Wackerroth
 - H. Baer, M. Battaglia, J. Kalinowski
 - G. Belanger, K. Olive, S. Riemann
- Contributions:
 - organized by conveners but not exclusively...

Status

- Already about 180 pages
- Authors:
 - Many ‘new’ and ‘old’ authors (also from theory)
- Finished:
 - Top and Precision chapter
- Still ongoing:
 - Higgs chapter....of course
 - DM contributions
 - Lots of editorial work and introduction (as usual)

Access

- Via svn repository:
 - lcforum.desy.de, reports, review
- Usually ('if'), current version on:
 - www.desy.de/~gudrid/epjcrev.pdf

Please, feel free to

- Have a look
- Provide/propose/send contributions (sections, paragraphs when you think, that's missing)

Tough deadline: **May 20** (this year!)