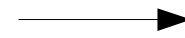


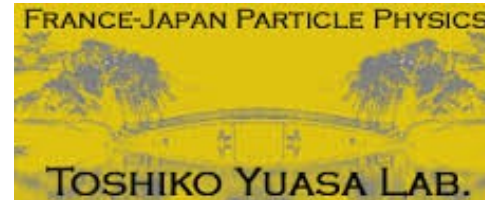
Extended ILC Group Meeting



IJCLab *IJC=Irène Joliot-Curie*



université
PARIS-SACLAY



Orsay France – January 8th 2020



... serves as (restricted mainly to heavy quark analyses) overview on activities in funding TYL/FJPPL funding period

- R.P. Keynote talk on physics at e+e- colliders at annual meeting on Jeju Island
- Complementarity between ILC250 and GigaZ Pot including discussion on heavy quarks, arxiv:1905.02220
- Tests of the Standard Model at the ILC, arxiv:1908.11299
- Production and electroweak couplings of heavy quarks at the ILC, A. Irlles, EPS-HEP2019, talk, proceedings
- Production and electroweak couplings of heavy quarks at the ILC, Y. Okugawa, LP19, poster, proceedings
- ILDR Note 2019-007 under review in ILDR
- LCWS2019
 - R.P., “Precision electroweak capabilities at the ILC”, Physics Plenary
 - Y. Okugawa, “Measurement of the tt cross-section at the ILC”
 - A. Irlles, F. Richard, R.P.: “Study of systematic errors in high precision heavy quark analyses”
 - A. Irlles, “Study of ee->cc”
 - R.P.: “Summary of GigaZ Potential”
 - K. Yumino: “Study of ee->tt at ILC500” (for completeness here)
- CEPC 2019 at Beijing
 - R.P., “Z-pole observable measurements”
 - R. Yonamine: “ttbar experimental talk”
- Theory: Working week E. Kou/B. Mecji (and Y. Kurihara) to complete ee->ttbar NLO elw. Paper
 - Close to final dixit Emi



- IDR Note
 - Under review in ILD
 - Brief discussion during this meeting as a reminder
 - Update by Yuichi later on
- ee->bb
 - Review by M. Berggreen and K. Fujii during June 2019
 - No showstopper detected
 - However, we have realised that we have to be more careful with systematic errors when
 - Going from 500fb⁻¹ -> 2000 fb⁻¹
 - Triggered a number of highly relevant systematic but lead to a serious delay of the paper
 - See also discussion today
- ee->cc
 - Proceedings under preparation to serve as a reference