

Question for everyone who checks this page: **What do you want to achieve/learn at the end of the two meetings?**

1. [a] Why do we want to know the width? (SM, BSM models)
2. [b] What is the status of these studies and where is there room for improvement in run 3, HL
3. [c] Understand Physics that allows indirect measurement of the width

Questions

1. Despite it is one of the Higgs property, why the width worths the attention?
2. What is direct measurement? What is indirect measurement?
3. Summary of the precision obtained from all results?
4. Direct measurements:
 - a. What's the main challenge? Any idea to overcome the challenge?
5. What are different indirect measurement techniques? What are their assumptions and limitations?
6. Why even bother with direct measurement of width if indirect measurements are 2 orders of magnitude better?
7. Is the lifetime measurement direct or indirect?
- 8.

Resources:

- 1) Not very original but this was a nice concise introduction (starting on pg 51)
<http://pdg.lbl.gov/2017/reviews/rpp2017-rev-higgs-boson.pdf>