WG1 meeting – 21st September 2017
twiki page
everybody should have indico right, and all the topics can be found.

Talks :

- Ilaria (based on arXiv:1709.06492)
  Q: difference wrt previous implementations? A: no code had all 2400+ parameters+ treatment of input parameters. Plus there are known bugs in some codes

  Q: slide 5, value of parameters is fixed? A: no, it is the default that one has in the param_card, they can be changed

  Q: pole: did you try it for VBS? A: not for the moment, we kept it simple, we tried in the paper WZ production

- Michael
  binning on slide 8 is 20 gev
  Q: with run 1 limits, is the effect of dim-6 operators marginal, so shall one go for dim-8? yes. So one can take the bounds at run I for dim-6 operators, which make them negligible
  Q: NLO QCD just for SM or also for EFT? A: also for EFT, EFT enters only in EW operators and factorise
  Q: Other observables more physical than M(4lep)? not really, expectation is that things will get worse in terms of sensitivity
  Q: Value of wilson coefficient for dim-6/8? all f_XX are f_XX/lambda^2 or ^4.
  Q: what is the value of lambda that you get in dim-6/8 (if f_XX=1)?
  Comment: bounds from dim-6 are from VV in run1. Plus S_1 is unitarised

  Q: any assumption on which these bounds depend? A: we choose the operators, then it is just data
  One can try to extend the set of operator