

Feedback from the EW/BSM Group

- The EW/BSM group is basically happy with the proposed layout
- Suggestions for BSM examples:
 - Little Higgs models
 - Universal extra dimensions

Why?

- Both models treat electroweak symmetry breaking
- At the same time both models offer a dark matter candidate
- Both models have a broad phenomenology in Higgs properties, precision measurements and new particles
- The document has to justify that 500 GeV alone is already a worthwhile machine and that the 1 TeV upgrade will be needed
- The BSM group certainly contributes more to the upgrade justification

- Simulations:

- A VV scattering and VVV production simulation is under way
- Most of the other signals concern 2-fermion production, so the old work for Z' signals can be used (although we still miss especially the b quark charge study)