Gridpack/LHE production @ IIHE: status and plans

- **Files and instructions prepared by Gregory**
  → production workload divided (may rearrange depending on availability)

- **Gridpacks and LHE files to be produced for**

  WZ → lν ll
  WZ → lν νν   - All with sm-no_masses
  WZ → lν jj   model
  WZ → jj ll
  ZZ → ll νν   - Matching studies
  ZZ → ll ll   already done by Gregory
  ZZ → ll jj
  Z → ll (mass 10-50) + [0,4] jets
  ZH   [H decay will be done in Pythia, Z decay too]

- **Production tools seem to work well**, first gridpacks ready
  → will update wiki tables

- **Cross sections to be calculated for**
  – exclusive W+Njets and Z+Njets processses (for Eric?)
  – the *processes above* without XS in the wiki table
  (desired equivalent luminosity for LHE production = ?)

Gridpack/LHE production @ IIHE: status and plans

- **Will write script to remove bad LHE files from storage**
  (based on seed list of corrupted files provided by Eric?)

- **Naive question:**
  In pythia cards e.g.:

  Z+1jet: `MINJETS = 1, MAXJETS = 99`
  Z+2jets: `MINJETS = 2, MAXJETS = 99`
  Z+3jets: `MINJETS = 3, MAXJETS = 99`
  Z+4jets: `MINJETS = 4, MAXJETS = 4` `(why not 99?)`