'30 degree' vertical drift FD production

- '30 deg' geometry:
  - (30, -30, 90) CRP orientation
  - 1x8x6 CRMs (top volume-only)

- ~3 million LBNF-GENIE interactions
  - Unoscillated + fully oscillated neutrinos

- Production will include:
  - Wirecell's 2D signal simulation + processing
  - Pandora for pattern recognition
  - Trained neutrino flavour-tagging CVN (reference geometry training)
  - Tuned neutrino energy reconstruction (reference geometry tuning)

- Preparation status:
  - Geometry updates, *L. Paulucci* (**Ready**)
  - Neutrino energy reconstruction, *W. Wu* (**Ready**)
  - Pandora validation file generation, *M. Brunetti* (**Ready**)
  - G4 shower 'rollup', *R. Cross + D. Brailsford* (**Ready**)
  - CVN, N. Nayak (**Training complete, needs connecting to workflow**)
  - Merged wirecell sig. sim + sig. Proc, *H Yu* (**Status today**)
  - Improved ROI finding in sig. proc, *H. Yu* (**Status today**)

- Preparations should be ready by end of April.   Production should take ~1 month.