TG4 - Implementation

- **Implementation is nuts & bolts**
  - So, a Fire Drill is primarily a test of "does it do what's on the label"
  - … and will be an integral part of developing and commissioning the system (time: very early)
  - Hope to get a lot of that by low-threshold random coincidences (during operations)
- **Signal Injection still needed**
  - Tests more of the system than Boring Old Poisson Fluctuations, which are in a different channel, reacted to as B.O.P.F.

Fire Drill

- So: each experiment injects a signal for a designated time
  - A simulated signal from a real model, see if in the end everyone can recover the initial parameters, a "Mock Data Challenge"
  - With a test bit set, just in case…
  - Can also be part of each detector's own ops
- Server does what it does, fires off output to be drilled upon later down the chain