





























# Fractal Schmactal

**Parton Showers → Explicit representation of the fractal structure - great!**

Needed approximations to get there:

"Leading Logarithm", "Leading Colour", ...

➤ **Off-the-shelf parton showers only good to at best ~ 10%**

**I thought LHC physics was supposed to be high-precision stuff?**

What good is Peta-Bytes of data if we can only calculate to ~ 10% ?







































