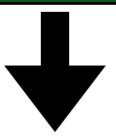
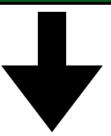
Event Generation

hardscatter+parton shower+ hadronization + underlying events



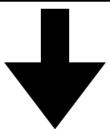
Simulation

Simulated detector interaction



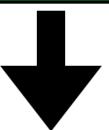
Digitization

Simulated response of detector



Reconstruction

Reconstruction of objects



Physics Derivation

Datasets used for analyses