

# What are the basics?

## What are the basic assumptions/facts

Beam  
photons

Detected  
particles  
FS

1. Initial State: Beam photons, **prompt** and **accidental**
2. Final State: All Reconstructed particles in an event(trigger).
3. "Only" one beam photon caused the event
4. This beam photon is by definition **prompt**
5. No distinction between "accidental" and "true" in the prompt peak.
- ?: what about these?:
6. All **accidentals** (including in prompt peak) depend on e-beam intensity only.
7. All accidental IS are independent of FS
8. Only the "true" beam photon has direct relation to FS "true" is by definition prompt.
9. The KinFit uses two independent ingredients: IS and FS