

Exclusive, Diffractive and Tagging PWG

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Benchmarks

- Ideas here are tentative and we will discuss further with the WG before confirming
 - Specific observables/plots also to be defined further after discussion
 - We want to select the most challenging channels to cover the rest implicitly
- Proposed reaction 1: **Deeply virtual π^0 production**
 - e.g. from neutron in Deuterium, that would include tagging in FF region
 - Important background to other channels in WG (e.g. DVCS), but more challenging
- Potential reaction 2:
 - Meson production reaction which decays into charged particle pair
 - e.g. **J/psi production** from ep or eA

Open Tasks

- The most important for us is to have basic particle reconstruction code for all detectors
- A priority is the **reconstruction in the far forward region**
 - Important for exclusivity in many reactions
- Reconstruction of photons in the calorimeters
 - Cluster separation is important to differentiate π^0 from single photons
 - We will discuss more with the WG about any other useful tasks

Plans for Kicking Off WG Activities

- We plan to run to keep the existing meeting time and re-poll after Summer
 - Fortnightly, Mondays noon ET
- Mon 1st and 8th May are public holidays in some countries (incl. France/UK)
 - Plan for first meeting Mon 15th May
 - (So, we likely won't have many updates for 12th PWG Friday meeting)
- After result of vote on co-convenors is finalised, we will e-mail the WG to update them on these organisational plans and the tentative/initial plans we discussed today
 - Input will be welcome by e-mail until we can discuss at our first meeting
 - In e-mail can also check if any immediate requests for change of meeting time