

EF06 White Paper contribution

- **Physics measurements:**
 - Vector meson photoproduction (GPDs, PDFs, nuclear shadowing, saturation, etc)
 - Coherent and Dissociative photoproduction, and “non-UPC” events
 - Neutron dependence of vector mesons
 - Inclusive and exclusive dijet measurements
 - Polarization measurements, angular correlations of two-photons and VMs in UPC AA, pA
 - Light-by-light scattering? BSM signatures?
- **Outline:**
 - Couple of paragraphs on review of results from Run 1 and Run 2
 - Projections for Run 3 and Run 4. Impact of new detectors
 - Connections of UPC with EIC
 - UPC physics with ALICE 3 (Run 5)
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