

WP3 Physics

Deliverable Number¹⁴	Deliverable Title	Lead beneficiary	Type¹⁵	Dissemination level¹⁶	Due Date (in months)¹⁷
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WP3 - Physics Applications [Months: 7-48]

UiO

UiO will coordinate the work package. The supervisors of the ESRs will be responsible for the integration of their ESRs in the various relevant experimental working groups of the ATLAS, CMS, and SHiP collaborations. CERN is the host laboratory for all 3 experiments, and all of the supervisors of ESRs with physics objectives are Users of CERN (and the relevant ESRs will also become CERN Users). Higgs boson studies will be carried out by NIKHEF (ESR06), UiO (ESR10), and UNIED (ESR12). Measurements of top quark properties and its production, as well as its exploitation in searches for new physics, will be done by RHUL (ESR01), INFN (ESR02, enrolled at UNINA), and ULUND (ESR09). Searches for new physics will mainly be the responsibility of INFN (ESR03, enrolled at UNIPD), and ULUND (ESR09). The determination of the physics potential of the SHiP experiment for neutrino studies and dark matter searches will be done by UNINA (ESR04).