

WG2: Sub-eV Dark Matter



axions + hidden photons

Only small fraction of parameter space currently covered

QCD axion is very well-motivated DM candidate

General axions and hidden photons well-motivated over entire mass range

Natural DM candidates (inflation produced)
could solve strong CP, hierarchy problems

Proposed experiments can cover this range of DM masses (~20 orders of magnitude)
and many orders of magnitude in couplings
including covering almost all of QCD axion
essentially all small-scale (~few M\$)