T2HK in Switzerland

ETHZ (André) and UNIGE (neutrino group) have signed the HK LOI

possibilities of contributions (for UNIGE) include:

NA61 continued

-- preparing to publish the 2009 thin target data with reduced errors
-- we are proceeding to the upgrade of the readout system
-- thinking in possibility to close the forward «hole»
--WOULD WELCOME MORE EU COLLABORATORS!
(we miss you at the NA61 parties!)

Near detectors :

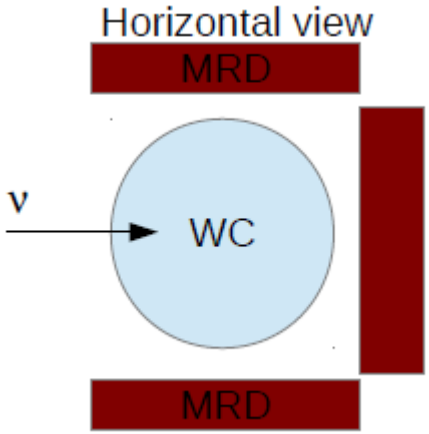
-- ND detector upgrade to allow full acceptance and effective water target. (can start now)
-- 2km detector : magnetized iron detector

NB: Would like to emphasize (with benefit of experience)
a more coherent and deterministic approach to ND than for ND280 ☺

nuSTORM

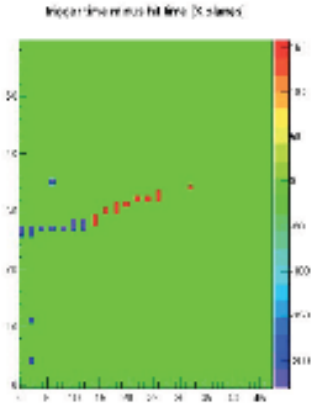
also interested in understanding the possible benefit of nuSTORM for the HK systematic errors, in particular the nu_e to nu_mu cross-section ratio

MIND development:



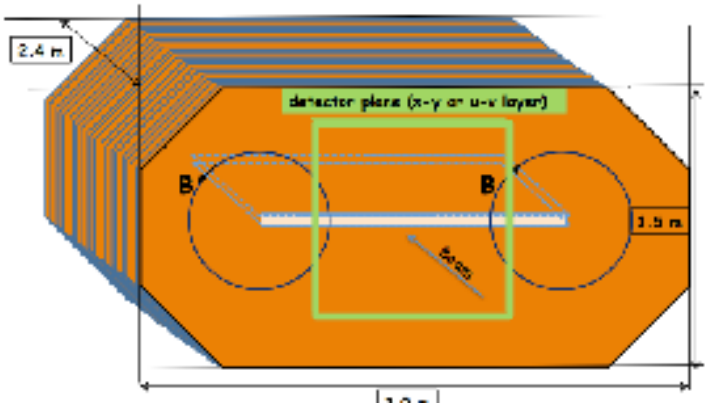
Etam Noah (UNIGE) is leading a proposal to test the performance of a Magnetized Iron Neutrino Detector (MIND) with scintillator +siPMT readout.

considering that measurement of wrong helicity neutrino X cross-section contamination in the beam may be important, suggest to study the usefulness of a magnetized version of the MRD.



MICE EMR at RAL

Scintillator +siPMT construction with/at INR



design of MIND with CERN