

Muon:

Naohito Saito

... list our experiment at J-PARC as ** active ** experiment.
We are claiming that simultaneous measurement of muon
g-2 and EDM is important, and we plan to do it anyway,
while the precision is limited to be around 1e-21 e cm. ...

Attached please find the information.

Best regards, Naohito

Information concerning your project:

- Search for Muon EDM using Ultra-Cold Muon Beam
- name and email address of contact persons / spokespersons:
Naohito Saito and Masa Iwasaki naohito.saito@kek.jp
- collaborating partners:
92 collaborators (still evolving)
(Japan) KEK, RIKEN, U-Tokyo, CYCRC-Tohoku, Osaka, RCNP, Rikkyo, TITech,
NIRS
(Canada) TRIUMF, Victoria
(U.S.) BNL, SUNYSB, UC Riverside
(France) UPMC
(U.K.) RAL
(Russia) BINP
(Czech) Academy of Science
- website:
in preparation
- link to a recent talk:
<http://kds.kek.jp/conferenceDisplay.py?confId=9214>
- specific features (some keywords):
ultra-cold muon beam / large acceptance detector
- major challenges (some keywords):
muon source, muon acceleration/injection, precision storage field
hi-rate tracker
- schedule, aimed at sensitivity and timeline for results:
intend to start measurement in 2015;