

**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

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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](mailto: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;