

Summary

Marco Zito

EOI-15 5th workshop
October 9 2017

PI round table discussion

- The situation of funding was reviewed: funds are secured for R&D and prototypes
- Funds for the detector construction in some countries depends on the approval of the project by T2K (and in some cases by JPARC PAC)

Work Packages contact persons

ND280 Upgrade Working Group: convener MZ, deputy Masashi Yokoyama

- WP1 Mechanical design and integration (Marcela Batkiewicz, Davide Sgalaberna, Thorsten Lux)
- WP2 TPC field cage and gas vessel (Emilio Radicioni, Gianmaria Collazuol)
- WP3 TPC Readout technology (Alain Delbart, CERN)
- WP4 TPC electronics and DAQ (Denis Calvet, Andrzej Rychter)
- WP5 Gas system and calibration (Blair Jamieson, CERN)
- WP6 Scintillator-based trackers (Masashi Yokoyama)
- WP7 TOF system (Yury Kudenko)
- WP8 Test beam measurements (Federico Sanchez, Stefania Bordoni)
- WP9 High Pressure TPC (Asher Kaboth, Morgan Wascko)
- WP10 Simulation and optimization studies (Davide Sgalaberna)
- WP11 Physics studies (Sara Bolognesi, Claudio Giganti)
- WP12 DAQ (Giles Barr)
- WP13 Software(Yoshi Uchida)

New WP structure

Upgrade Working group conveners:
MZ, deputy Masashi Yokoyama

WP1 Mech+Integration: DS+MB+Thorsten

WP2 TPC: MZ+?

WP3 Target MY+?

WP4 TOF: Yury+?

WP5 HPTPC: Morgan+Asher

WP6 Beam test: Stefania+Federico

WP7 Sim:
Davide+?

WP8 Phys: Sara+Claudio

+DAQ, S/W

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The current TPC WP (Micromegas, Electronics, Field Cage, TPC gas) will be added here

Proposal

- In progress, aim for a first draft this week
- Please contact us if any problem in preparing your section
- The goal is to document the project at the level of a Conceptual Design Report
- But in some cases more technical plots/detail can be included
- We have proved technical solutions for the detectors to be built
- In a few cases backup solutions can also be included
- Will be further reviewed and polished and finalized later this year
- The content of the proposal will be presented to T2K this week, the actual report will be circulated later

Next EOI-15 meeting

- Will take place at CERN. Two days meeting either the last week of November or the first week of December, depending on room availability
- Dates will be circulated this week

TDR

- We will prepare a TDR for Q3 2018 (should be July 2018 for PAC)

Bi-weekly ND280 Upgrade ezuce meetings

- Wednesday 21:00 JST
- The proposal is to dedicate the next meetings to the following topics
 - beam request at CERN
 - TPC design
 - the target R&D and design
 - WP1
 - TOF