

RIUNIONE EIC_NET

3/5/2019

S. Dalla Torre

AGENDA PROPOSTA

- comunicazioni
- un rapido aggiornamento sull'attivit  con riferimento a quella gi  in corso e quella che sta iniziando (max 10' per sede)
- lo stato delle risorse finanziarie per missioni, con le spese fatte e quelle previste in vista di una richiesta di integrazione a giugno
- lanciare la stesura dello statuto della collaborazione EIC_NET
- Varie ed eventuali

COMUNICAZIONI

- Concreta possibilita' di avere CD-0 entro il FY 2019 (entro settembre !)
 - Si veda la prossima slide
- Vi ricordo la riunione annuale EICUG2019 a Parigi (22-26/7/2019)
 - Eugenio Nappi rappresentera' l'INFN nella giornata inaugurale
- 28 luglio – 2 Agosto: riunione IUPAP WG9 (International Cooperation in Nuclear Physics) con una “closed chamber” nella cui agenda c'e' EIC

Anticipated next steps and plans

□ Towards a future EIC facility

<https://www.energy.gov/cfo/downloads/fy-2020-budget-justification>

Volume 4 - DOE/CF-0154: EIC development part of the most recent DOE FY2020 Congressional Budget Request:

- NAS review following NSAC / LRP 2015 recommendation
 - NAS study started in February 2017 with a series of meetings in 2017 / Report submitted by committee for review
 - Report released on July 24, 2018! - Very positive!
 - CD-0 (US Mission Need Statement) could be awarded after the completion of the NAS study ~FY19
- Various (critical) accelerator R&D questions will not be answered until ~FY19
- EIC facility construction has to start after FRIB (Facility for Rare Isotope Beams) completion, with anticipated FRIB construction to ramp down around FY20
- Most optimistic scenario would have EIC funds start in FY20, more realistically begin of construction funds in FY22/FY23 time frame
- Best guess for completion of EIC facility construction later half of next decade - in roughly a decade from now!

Pg. 10: "Funding is requested in FY 2020 for the start of R&D and conceptual design for a proposed U.S.-based Electron Ion Collider."

Pg. 276: "Other Project Costs (OPC) funding to support high priority, critically needed accelerator R&D to retire high risk technical challenges for the proposed U.S.-based EIC. Subsequent to the FY 2018 National Academy of Science Report confirming the importance of a domestic EIC to sustain U.S. world leadership in nuclear science and accelerator R&D core competencies. Critical Decision-0, Approve Mission Need, is planned for FY 2019."

Bernd Surrow

COMUNICAZIONI

- Il PRIN dedicato all'hardware EIC non e' passato (Ts, Ba, Ge, Fe, RM2)
- Ha avuto successo l'application (Ge, RM1, RM2) per la call MAECI
 - Congratulazioni !