

X FOOT Collaboration Meeting

Monday, 24 May 2021 - Wednesday, 26 May 2021

Remote

Book of Abstracts

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Welcome

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General Remarks

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Editorial Board report

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Report from the EB

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SW status report

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SW status report

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Status of FOOT Simulation

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Summary of latest developments

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Optical absorption in BGO crystals

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Co-authors: Lorenzo Scavarda²; Piergiorgio Cerello³

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BGO

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Global TDAQ status

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Update on Global TDAQ status and ongoing activities

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Trigger and WaveDAQ status

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I will report about the Trigger and WavwDAQ commissioning towards the GSI DAQ

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Beam Monitor updates

Author: Yunsheng Dong¹

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Fast update for the Beam Monitor detector

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Status report of IT

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Status of MSD

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Status of MSD construction and commissioning

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Report on Tof Wall

Author: MATTEO MORROCCHI¹

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Report on Tof Wall status

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Status of the calorimeter

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Report on the procurement, schedule for the construction

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Data Taking at GSI

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News and discussion about GSI data taking

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Summary of a few physics topics for CNAO2020 and GSI2021 setups

Authors: Aafke Christine Kraan¹; Giuseppe Battistoni²; Silvia Muraro³

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Summary of work of last 6 months regarding a few physics topics using CNAO2020/2021 setup, together with some preliminary considerations in view of GSI2021

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Neutrons @ FOOT

Authors: Cristian Massimi¹; Roberto Spighi¹; Sofia Colombi²; Alice Manna¹; Mauro Villa¹

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In this talk I will present the ongoing studies about neutron detection at FOOT. Preliminary results using the current experimental setup and a dedicated detection setup will be presented.

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Towards the data-taking @ CNAO

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Update on the data-taking @ CNAO

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General Discussions

Author: Vincenzo Patera¹

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Cross section measurement of ^{16}O at 400 MeV/u on C target and MC trigger studies

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Cross section measurement of ^{16}O at 400 MeV/u on C target of 2019 GSI data taking and MC trigger studies.

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Update on Nuclear Emulsions analysis

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Update on Nuclear Emulsions analysis

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Update on Global Reconstruction with GenFit

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The preliminary results of the Global Reconstruction algorithm with GenFit will be presented.

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CNAO cross sections at 90°,60°,50°,32°

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