

# **X FOOT Collaboration Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## General Discussions

*Tuesday, 25 May 2021 15:20 (2 hours)*

**Primary author:** PATERA, Vincenzo (ROMA1)

**Presenter:** PATERA, Vincenzo (ROMA1)

**Session Classification:** 25th aft session

Contribution ID: 2

Type: **not specified**

## General Remarks

*Monday, 24 May 2021 14:40 (20 minutes)*

**Presenter:** PATERA, Vincenzo (ROMA1)

**Session Classification:** Welcome

Contribution ID: 3

Type: **not specified**

## Welcome

*Monday, 24 May 2021 14:30 (10 minutes)*

**Primary author:** Dr CHRISTIAN, Finck (IPHC)

**Presenter:** Dr CHRISTIAN, Finck (IPHC)

**Session Classification:** Welcome

Contribution ID: 32

Type: **Software**

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

20 mins

**Primary authors:** MATTEI, ILARIA (MI); MARAFINI, Michela (Centro Fermi)

**Presenter:** MATTEI, ILARIA (MI)

**Session Classification:** Software

Contribution ID: 33

Type: **Data analysis**

## Update on Nuclear Emulsions analysis

*Wednesday, 26 May 2021 09:40 (20 minutes)*

Update on Nuclear Emulsions analysis

**Primary author:** GALATI, Giuliana (Università di Bari Aldo Moro)

**Presenter:** GALATI, Giuliana (Università di Bari Aldo Moro)

**Session Classification:** Software

Contribution ID: 34

Type: **Detectors**

## Neutrons @ FOOT

*Tuesday, 25 May 2021 14:20 (20 minutes)*

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.

**Primary authors:** MASSIMI, Cristian (BO); SPIGHI, Roberto (BO); COLOMBI, Sofia (T); MANNA, Alice (BO); VILLA, Mauro (BO)

**Presenter:** MASSIMI, Cristian (BO)

**Session Classification:** Analysis

Contribution ID: 35

Type: **Detectors**

## Status of the calorimeter

*Tuesday, 25 May 2021 11:20 (20 minutes)*

Report on the procurement, schedule for the construction

**Primary author:** CERELLO, Piergiorgio (INFN)

**Presenter:** CERELLO, Piergiorgio (INFN)

**Session Classification:** Detectors



Contribution ID: 36

Type: **Detectors**

## Trigger and WaveDAQ status

*Tuesday, 25 May 2021 09:20 (20 minutes)*

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

**Primary author:** GALLI, Luca (PI)

**Presenter:** GALLI, Luca (PI)

**Session Classification:** Detectors

Contribution ID: 37

Type: **Detectors**

## Data Taking at GSI

*Tuesday, 25 May 2021 11:40 (55 minutes)*

News and discussion about GSI data taking

**Primary authors:** MARAFINI, Michela (Centro Fermi); TOMMASINO, Francesco (TIFP)

**Presenters:** MARAFINI, Michela (Centro Fermi); TOMMASINO, Francesco (TIFP)

**Session Classification:** Detectors

Contribution ID: **39**

Type: **Detectors**

## Status of MSD

*Tuesday, 25 May 2021 10:20 (20 minutes)*

Status of MSD construction and commissioning

**Primary author:** Dr BARBANERA, Mattia (Istituto Nazionale di Fisica Nucleare - Perugia)

**Presenter:** Dr BARBANERA, Mattia (Istituto Nazionale di Fisica Nucleare - Perugia)

**Session Classification:** Detectors

Contribution ID: 40

Type: **Detectors**

## Beam Monitor updates

*Tuesday, 25 May 2021 09:40 (20 minutes)*

Fast update for the Beam Monitor detector

**Primary author:** DONG, Yunsheng (MI)

**Presenter:** DONG, Yunsheng (MI)

**Session Classification:** Detectors

Contribution ID: 41

Type: **Simulation**

## Optical absorption in BGO crystals

*Monday, 24 May 2021 16:20 (20 minutes)*

BGO

**Primary author:** PENNA, Michele (Istituto Nazionale di Fisica Nucleare)

**Co-authors:** SCAVARDA, Lorenzo (TO); CERELLO, Piergiorgio (INFN)

**Presenter:** SCAVARDA, Lorenzo (TO)

**Session Classification:** Software

Contribution ID: 42

Type: **Simulation**

## Status of FOOT Simulation

*Monday, 24 May 2021 16:00 (20 minutes)*

Summary of latest developments

**Primary author:** BATTISTONI, Giuseppe (MI)

**Presenter:** BATTISTONI, Giuseppe (MI)

**Session Classification:** Software

Contribution ID: 43

Type: **Software**

## **SW status report**

*Monday, 24 May 2021 15:20 (20 minutes)*

SW status report

**Primary authors:** SARTI, Alessio (LNF); FINCK, Christian (IPHC)

**Presenter:** SARTI, Alessio (LNF)

**Session Classification:** Software

Contribution ID: 44

Type: **Detectors**

## Report on Tof Wall

*Tuesday, 25 May 2021 11:00 (20 minutes)*

Report on Tof Wall status

**Primary author:** MORROCCHI, MATTEO (PI)

**Presenter:** MORROCCHI, MATTEO (PI)

**Session Classification:** Detectors



Contribution ID: 45

Type: **not specified**

## Status report of IT

*Tuesday, 25 May 2021 10:00 (20 minutes)*

**Primary authors:** SPIRITI, Eleuterio (LNF); AGNESE, Franck

**Presenter:** AGNESE, Franck

**Session Classification:** Detectors

Contribution ID: 46

Type: **Data analysis**

## Summary of a few physics topics for CNAO2020 and GSI2021 setups

*Tuesday, 25 May 2021 14:00 (20 minutes)*

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

**Primary authors:** KRAAN, Aafke Christine (PI); BATTISTONI, Giuseppe (MI); MURARO, Silvia (Istituto Nazionale di Fisica Nucleare)

**Presenter:** KRAAN, Aafke Christine (PI)

**Session Classification:** Analysis

Contribution ID: 47

Type: **not specified**

## Update on Global Reconstruction with GenFit

*Wednesday, 26 May 2021 10:00 (20 minutes)*

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

**Primary author:** ZARRELLA, Roberto (Istituto Nazionale di Fisica Nucleare)

**Presenter:** ZARRELLA, Roberto (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Software

Contribution ID: 48

Type: **not specified**

## **Towards the data-taking @ CNAO**

*Tuesday, 25 May 2021 14:40 (20 minutes)*

Update on the data-taking @ CNAO

**Primary author:** TRAINI, Giacomo (ROMA1)

**Presenter:** TRAINI, Giacomo (ROMA1)

**Session Classification:** Analysis

Contribution ID: 49

Type: **not specified**

## Editorial Board report

*Monday, 24 May 2021 15:00 (20 minutes)*

Report from the EB

**Primary authors:** VILLA, Mauro (BO); LA TESSA, Chiara (TIFP); VANSTALLE, Marie (IPHC-C-NRS)

**Presenter:** VILLA, Mauro (BO)

**Session Classification:** Welcome

Contribution ID: 50

Type: **Detectors**

## Global TDAQ status

*Tuesday, 25 May 2021 09:00 (20 minutes)*

Update on Global TDAQ status and ongoing activities

**Primary authors:** Mr RIDOLFI, Riccardo (BO); COLOMBI, Sofia (T); VILLA, Mauro (BO); BIONDI, Silvia (BO)

**Presenter:** Mr RIDOLFI, Riccardo (BO)

**Session Classification:** Detectors

Contribution ID: 51

Type: **Software**

## **Cross section measurement of 16O at 400 MeV/u on C target and MC trigger studies**

*Wednesday, 26 May 2021 09:20 (20 minutes)*

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

**Primary authors:** DE GREGORIO, Angelica (Istituto Nazionale di Fisica Nucleare); Prof. TOPPI, Marco

**Presenter:** DE GREGORIO, Angelica (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Software