

OMC4DBD_General_collaboration_m

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 25 April 2022 09:00 (15 minutes)

Presenter: ZINATULINA, Daniya (Russian)

Contribution ID: 2

Type: **not specified**

Open discussion

Monday, 25 April 2022 13:00 (25 minutes)

Schedule discussion and contributions of the groups

Contribution ID: 3

Type: **not specified**

Communication in the OMC4DBD collaboration

Primary author: MONDRAGON, Elithabeth

Presenter: MONDRAGON, Elithabeth

Contribution ID: 4

Type: **not specified**

Improved muon-capture calculations in light and heavy nuclei

Tuesday, 26 April 2022 14:00 (30 minutes)

Presenter: Mrs JOIKINIEMI, Lotta

Contribution ID: 5

Type: **not specified**

Closing, open discussion, Q&A to theory experts

Tuesday, 26 April 2022 14:30 (1 hour)

Presenter: ZINATULINA, Daniya (Russian)

Contribution ID: 7

Type: **not specified**

Hardware for OMC4DBD

Monday, 25 April 2022 09:15 (50 minutes)

trigger counters, target's

Primary author: SHEVCHIK, Egor (Russia)

Presenters: SHEVCHIK, Egor (Russia); KAZARTSEV, Sergey (JINR)

Session Classification: 2021 campaign at PSI

Contribution ID: 8

Type: **not specified**

Ge detector array

Monday, 25 April 2022 10:05 (25 minutes)

HPGe detectors used in 2021

Primary author: GUSEV, Konstantin (Joint Institute for Nuclear Research)

Presenters: GUSEV, Konstantin (Joint Institute for Nuclear Research); RUMYANTSEVA, Nadezda (Jinr)

Session Classification: 2021 campaign at PSI

Contribution ID: 9

Type: **not specified**

Ge detector's characterization

Primary author: MONDRAGON, Elizabeth (TUM)

Presenter: MONDRAGON, Elizabeth (TUM)

Session Classification: 2021 campaign at PSI

Contribution ID: **10**

Type: **not specified**

Trigger scheme and DAQ

Presenters: ZHITNIKOV, IGOR (JINR); VOGIATZYY, Stella Maria (PSI)

Session Classification: 2021 campaign at PSI

Contribution ID: 11

Type: **not specified**

Off-line measurements in 2021

Presenter: BELOV, Vyacheslav (JINR)

Session Classification: 2021 campaign at PSI

Contribution ID: 12

Type: **not specified**

MIDAS data analysis of the 2021'PSI campaign (technical part).

Monday, 25 April 2022 11:20 (40 minutes)

Presenter: ZHITNIKOV, IGOR (JINR)

Session Classification: 2021 campaign at PSI

Contribution ID: 13

Type: **not specified**

llamaDAQ: Overview, hardware and trigger scheme

Tuesday, 26 April 2022 11:00 (25 minutes)

FADC & server setup, trigger scheme, raw data format

Presenter: SCHWARZ, Mario (TUM)

Session Classification: 2021 data analysis

Contribution ID: 14

Type: **not specified**

Overview of llama data and current status

Tuesday, 26 April 2022 11:25 (30 minutes)

Presenter: BOSSIO, Elisabetta (Technical University Munich)

Session Classification: 2021 data analysis

Contribution ID: 15

Type: **not specified**

Energy reconstruction with trapezoidal filter & resolution

Tuesday, 26 April 2022 12:25 (30 minutes)

Presenter: MONDRAGON, Elizabeth (TUM)

Session Classification: 2021 data analysis

Contribution ID: 16

Type: **not specified**

Energy calibration

Tuesday, 26 April 2022 12:55 (30 minutes)

Presenter: BAJPAI, Dhanurdhar

Session Classification: 2021 data analysis

Contribution ID: **18**

Type: **not specified**

OMC4DBD measurements in 2021 at PSI

Short introduction, planning, beam-time schedule.

Primary author: ZINATULINA, Daniya (Russian)

Presenter: ZINATULINA, Daniya (Russian)

Session Classification: 2021 campaign at PSI

Contribution ID: 19

Type: **not specified**

Proton-Neutron Emission Model for Neutrino Nuclear Response

Primary author: HASHIM, Izyan Hazwani (UTM)

Presenter: HASHIM, Izyan Hazwani (UTM)

Session Classification: 2021 data analysis

Contribution ID: 20

Type: **not specified**

Yield of RI from delayed gamma-ray measurement

Primary author: OTHMAN, Faiznur

Presenter: OTHMAN, Faiznur

Session Classification: 2021 data analysis

Contribution ID: 21

Type: **not specified**

Muon strength distribution for double beta decay and supernova neutrino

Presenter: EJIRI, Hiro (RCNP)

Contribution ID: 22

Type: **not specified**

Long-lived gamma rays from ordinary muon capture reaction on ^{76}Se for isotope detection

Tuesday, 26 April 2022 10:00 (30 minutes)

Presenter: HASHIM, Izyan Hazwani (UTM)

Contribution ID: 23

Type: **not specified**

Efficiency and energy calibration

Presenter: RUMYANTSEVA, Nadezda (Jinr)

Session Classification: 2021 campaign at PSI

Contribution ID: 24

Type: **not specified**

Total capture rates

Monday, 25 April 2022 12:00 (20 minutes)

Presenters: SHIRCHENKO, Mark (JINR); SHITOV, Yuri (JINR)

Session Classification: 2021 campaign at PSI

Contribution ID: 25

Type: **not specified**

Progress report and plans

Monday, 25 April 2022 12:20 (40 minutes)

Presenters: KNECHT, Andreas (Paul Scherrer Institut); ZINATULINA, Daniya (Russian); OSTROVSKIY, Igor

Contribution ID: 26

Type: **not specified**

Off-line measurements at PSI

Monday, 25 April 2022 10:30 (20 minutes)

Presenter: BELOV, Vyacheslav (JINR)

Session Classification: 2021 campaign at PSI

Contribution ID: 27

Type: **not specified**

Long-lived gamma rays from ordinary muon capture reaction on ^{136}Ba for isotope detection

Session Classification: 2021 data analysis

Contribution ID: 28

Type: **not specified**

Long-lived gamma rays from ordinary muon capture reaction on ^{136}Ba for isotope detection

Tuesday, 26 April 2022 10:30 (30 minutes)

Contribution ID: 29

Type: **not specified**

Nuclear gamma rays from ordinary muon capture reaction on ^{100}Mo for astrophysical neutrino responses

Tuesday, 26 April 2022 13:30 (30 minutes)

Presenter: Prof. HIRO, Ejiri (RCNP)