

JUNO European + American Collaboration Meeting Spring 2024



Report of Contributions

Contribution ID: 1

Type: **not specified**

ROB status

Tuesday 28 May 2024 09:00 (20 minutes)

Presenter: ALESSANDRO, Paoloni

Session Classification: Top Tracker

Contribution ID: 2

Type: **not specified**

CB+GTB Status

Tuesday 28 May 2024 09:20 (20 minutes)

Presenter: JACQUES, Wurtz

Session Classification: Top Tracker

Contribution ID: 3

Type: **not specified**

TT online

Tuesday 28 May 2024 09:40 (20 minutes)

Presenter: KORABLEV, Denis

Session Classification: Top Tracker

Contribution ID: 4

Type: **not specified**

Tests on TT prototype

Tuesday 28 May 2024 10:00 (20 minutes)

Presenter: LI, Min

Session Classification: Top Tracker

Contribution ID: 5

Type: **not specified**

Mechanics and Installation

Tuesday 28 May 2024 10:20 (20 minutes)

Presenter: GORNUSHKIN, Yury

Session Classification: Top Tracker

Contribution ID: 6

Type: **not specified**

Distillation and stripping plants: commissioning and status

Monday 27 May 2024 14:00 (20 minutes)

Presenter: LANDINI, Cecilia

Session Classification: Liquid Scintillator

Contribution ID: 7

Type: **not specified**

LS measurements in Milan

Monday 27 May 2024 14:40 (20 minutes)

Presenter: HOURIA, Fatima

Session Classification: Liquid Scintillator

Contribution ID: 8

Type: **not specified**

Looking at first OSIRIS data

Wednesday 29 May 2024 10:00 (20 minutes)

Presenter: BERETTA, Marco

Session Classification: OSIRIS

Contribution ID: 9

Type: **not specified**

Calibration of optical properties of LS

Wednesday 29 May 2024 11:30 (15 minutes)

Presenter: PERCALLI, Elisa

Session Classification: Analysis and Simulation

Contribution ID: **10**

Type: **not specified**

Reactor neutrino PWG updates

Tuesday 28 May 2024 16:10 (30 minutes)

Presenter: OCHOA-RICOUX, J. Pedro

Session Classification: Analysis and Simulation

Contribution ID: **11**

Type: **not specified**

Topological reconstruction

Wednesday 29 May 2024 16:50 (15 minutes)

Presenter: COLOMER, Marta

Session Classification: Analysis and Simulation

Contribution ID: 12

Type: **not specified**

Supernova study in ULB

Wednesday 29 May 2024 12:00 (30 minutes)

Presenter: COLOMER, Marta

Session Classification: Analysis and Simulation

Contribution ID: 13

Type: **not specified**

Atmospheric neutrinos in OEC

Wednesday 29 May 2024 16:00 (15 minutes)

Presenter: GAO, Feng

Session Classification: Analysis and Simulation

Contribution ID: 14

Type: **not specified**

Trigger studies in light-off tests

Monday 27 May 2024 16:15 (15 minutes)

Presenter: GAO, Feng

Session Classification: Electronics and hardware

Contribution ID: 15

Type: **not specified**

CCSN model discrimination in JUNO

Presenter: PETITJEAN, Pierre-Alexandre

Session Classification: Analysis and Simulation

Contribution ID: **16**

Type: **not specified**

Update from TUM group

Monday 27 May 2024 14:20 (20 minutes)

Presenter: FAHRENDHOLZ, Ulrike

Session Classification: Liquid Scintillator

Contribution ID: 17

Type: **not specified**

Solar neutrino PWG

Tuesday 28 May 2024 11:10 (20 minutes)

Presenter: CACCIANIGA, Barbara

Session Classification: Analysis and Simulation

Contribution ID: **18**

Type: **not specified**

Status of the Geoneutrino modeling PWG

Tuesday 28 May 2024 12:00 (20 minutes)

Presenter: STRATI, Virginia

Session Classification: Analysis and Simulation

Contribution ID: **19**

Type: **not specified**

Muon reconstruction

Wednesday 29 May 2024 16:15 (15 minutes)

Presenter: IGNACIO, Cristobal

Session Classification: Analysis and Simulation

Contribution ID: 20

Type: **not specified**

Geoneutrino flux estimation

Tuesday 28 May 2024 12:20 (20 minutes)

Presenter: MALYSHKIN, Yury

Session Classification: Analysis and Simulation

Contribution ID: 21

Type: **not specified**

Status and prospects of the CID analysis in JUNO

Tuesday 28 May 2024 11:30 (30 minutes)

Presenter: MALABARBA, Marco

Session Classification: Analysis and Simulation

Contribution ID: 22

Type: **not specified**

Status of the new ML-based Fitting Approach Study

Wednesday 29 May 2024 14:15 (20 minutes)

Presenter: MALYSHKIN, Yury

Session Classification: Analysis and Simulation

Contribution ID: 23

Type: **not specified**

Oscillation study with atmospheric neutrino

Tuesday 28 May 2024 14:55 (20 minutes)

Presenter: KHATUN, Amina

Session Classification: Analysis and Simulation

Contribution ID: 24

Type: **not specified**

Reconstruction of muons in CD+TT

Wednesday 29 May 2024 16:30 (20 minutes)

Presenter: RAYMOND, Thomas

Session Classification: Analysis and Simulation

Contribution ID: 25

Type: **not specified**

JUNO DCI status update

Wednesday 29 May 2024 15:00 (20 minutes)

Presenter: ATHAYDE, Joao Pedro

Session Classification: Analysis and Simulation

Contribution ID: 26

Type: **not specified**

Offline overview

Wednesday 29 May 2024 14:35 (25 minutes)

Presenter: ANDRONICO, Giuseppe

Session Classification: Analysis and Simulation

Contribution ID: 27

Type: **not specified**

SPMT status: commissioning and simulation

Monday 27 May 2024 16:30 (15 minutes)

Presenter: JOLLET, Cecile

Session Classification: Electronics and hardware

Contribution ID: 28

Type: **not specified**

Systematics of the Earth Model with Regards to NMO Sensitivity'

Tuesday 28 May 2024 15:15 (20 minutes)

Presenter: HE, Ziou

Session Classification: Analysis and Simulation

Contribution ID: 29

Type: **not specified**

Update on LS radiopurity measurements at Milano-Bicocca

Wednesday 29 May 2024 11:45 (15 minutes)

Presenter: BARRESI, Andrea

Session Classification: Analysis and Simulation

Contribution ID: 30

Type: **not specified**

Preliminary tests for radiopurity measurements capability during the JUNO water phase

Monday 27 May 2024 16:00 (15 minutes)

Presenter: BARRESI, Andrea

Session Classification: Electronics and hardware

Contribution ID: **31**

Type: **not specified**

Americas

Monday 27 May 2024 15:50 (10 minutes)

Presenter: OCHOA-RICOUX, Pedro

Session Classification: Country and Status Reposrts: Part II

Contribution ID: 32

Type: **not specified**

Armenia

Monday 27 May 2024 10:15 (10 minutes)

Presenter: IOANNISIAN, Ara

Session Classification: Country and Status Reports

Contribution ID: 33

Type: **not specified**

Belgium

Monday 27 May 2024 10:25 (10 minutes)

Presenter: CLERBAUX, Barbara

Session Classification: Country and Status Reports

Contribution ID: 34

Type: **not specified**

Czech Republic

Monday 27 May 2024 10:35 (10 minutes)

Presenter: VOROBEL, Vit

Session Classification: Country and Status Reports

Contribution ID: 35

Type: **not specified**

Finland

Monday 27 May 2024 10:45 (10 minutes)

Presenter: TRZASKA, Wladyslaw

Session Classification: Country and Status Reports

Contribution ID: 36

Type: **not specified**

France

Monday 27 May 2024 10:55 (10 minutes)

Presenter: DRACOS, Marcos

Session Classification: Country and Status Reports

Contribution ID: 37

Type: **not specified**

Germany

Monday 27 May 2024 11:05 (10 minutes)

Presenter: LACHENMEIR, Tobias

Session Classification: Country and Status Reports

Contribution ID: 38

Type: **not specified**

Italy

Monday 27 May 2024 11:15 (10 minutes)

Presenter: RANUCCI, Gioacchino

Session Classification: Country and Status Reports

Contribution ID: 39

Type: **not specified**

MSU&INR

Monday 27 May 2024 11:25 (10 minutes)

Presenter: STUDENIKIN, Alexander

Session Classification: Country and Status Reports

Contribution ID: **40**

Type: **not specified**

JINR

Monday 27 May 2024 11:35 (10 minutes)

Presenter: GONCHAR, Maxim

Session Classification: Country and Status Reports

Contribution ID: 41

Type: **not specified**

Slovakia

Monday 27 May 2024 11:45 (10 minutes)

Presenter: ŠIMKOVIC, Fedor

Session Classification: Country and Status Reports

Contribution ID: 42

Type: **not specified**

UK

Monday 27 May 2024 11:55 (10 minutes)

Presenter: XIANGUO, Lu

Session Classification: Country and Status Reports

Contribution ID: 43

Type: **not specified**

Development of a tool for evaluating the neutrino spectrum from reactor using the summation method

Tuesday 28 May 2024 16:40 (20 minutes)

Presenter: BORGHESI, Matteo

Session Classification: Analysis and Simulation

Contribution ID: 44

Type: **not specified**

News From Particle Accelerator based LS Studies and Novel Scintillator Development for Juno Phase II

Monday 27 May 2024 15:00 (20 minutes)

Presenter: STEIGER, Hans

Session Classification: Liquid Scintillator

Contribution ID: 45

Type: **not specified**

Update on Calibration PWG

Wednesday 29 May 2024 11:15 (15 minutes)

Presenter: BASILICO, Davide

Session Classification: Analysis and Simulation

Contribution ID: 46

Type: **not specified**

Update on Atmospheric PWG

Tuesday 28 May 2024 14:40 (15 minutes)

Presenter: COLOMER, Marta

Session Classification: Analysis and Simulation

Contribution ID: 47

Type: **not specified**

Studies of the NMO sensitivity in presence of a fine structure in the reactor spectrum

Tuesday 28 May 2024 17:00 (20 minutes)

Presenter: HEINZ, Tobias

Session Classification: Analysis and Simulation

Contribution ID: 48

Type: **not specified**

Dual Calorimetry Calibration with Gamma Sources

Wednesday 29 May 2024 11:00 (15 minutes)

Presenter: CARLOS (REMOTE), Roberto

Session Classification: Analysis and Simulation

Contribution ID: 49

Type: **not specified**

Updates to TT Elecsim simulation

Monday 27 May 2024 17:40 (20 minutes)

Presenter: KARAPARAMBIL (REMOTE), Rebin

Session Classification: Electronics and hardware

Contribution ID: 50

Type: **not specified**

Status of the Transoceanic fit group

Wednesday 29 May 2024 14:00 (15 minutes)

Presenter: CALVEZ, Steven

Session Classification: Analysis and Simulation

Contribution ID: 51

Type: **not specified**

Update on GANYMEDE PWG

Tuesday 28 May 2024 14:20 (20 minutes)

Presenter: LU, Xianguo

Session Classification: Analysis and Simulation

Contribution ID: 52

Type: **not specified**

Update on Online Event Classification PWG

Tuesday 28 May 2024 14:00 (20 minutes)

Presenter: GONCHAR, Maxim

Session Classification: Analysis and Simulation

Contribution ID: 53

Type: **not specified**

Concluding Remarks & Further Discussion

Wednesday 29 May 2024 17:20 (20 minutes)

Presenter: RANUCCI, Gioacchino

Session Classification: Organisation: Final Session and Farewell

Contribution ID: 54

Type: **not specified**

Announcement of the next JUNO EU/AM Meeting in spring 2024

Wednesday 29 May 2024 17:40 (10 minutes)

Session Classification: Organisation: Final Session and Farewell

Contribution ID: 55

Type: **not specified**

Farewell and Goodbye

Wednesday 29 May 2024 17:50 (10 minutes)

Session Classification: Organisation: Final Session and Farewell

Contribution ID: 56

Type: **not specified**

Discussion

Wednesday 29 May 2024 17:05 (15 minutes)

Presenter: COLOMER, Marta

Session Classification: Analysis and Simulation

Contribution ID: 57

Type: **not specified**

NMO sensitivity using atmospheric neutrino

Presenter: COLOMER, Marta

Session Classification: Analysis and Simulation

Contribution ID: 58

Type: **not specified**

Gain Calibration and Cross-Talk Studies

Monday 27 May 2024 16:45 (15 minutes)

Presenter: JACOBI, Adrienne

Session Classification: Electronics and hardware

Contribution ID: 59

Type: **not specified**

TAO readout electronics and 1:1 prototype status report

Monday 27 May 2024 17:00 (20 minutes)

Presenter: FABBRI, Andrea

Session Classification: Electronics and hardware

Contribution ID: **60**

Type: **not specified**

TAO offline software status and activities in Rome

Monday 27 May 2024 17:20 (20 minutes)

Presenter: FARILLA, Elia Stanescu

Session Classification: Electronics and hardware

Contribution ID: **61**

Type: **not specified**

Update on the general status of OSIRIS

Wednesday 29 May 2024 09:00 (20 minutes)

Presenter: JAFAR, Arshak

Session Classification: OSIRIS

Contribution ID: **62**

Type: **not specified**

OSIRIS Calibration

Wednesday 29 May 2024 09:40 (20 minutes)

Presenter: WIRTH, Rosmarie

Session Classification: OSIRIS

Contribution ID: 63

Type: **not specified**

OSIRIS Monte Carlo Simulation

Wednesday 29 May 2024 09:20 (20 minutes)

Presenter: BIEGER, Lukas

Session Classification: OSIRIS

Contribution ID: **64**

Type: **not specified**

Discussion

Wednesday 29 May 2024 10:20 (10 minutes)

Session Classification: OSIRIS