

2nd Einstein Telescope Annual Meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

ET Collaboration Board report

Tuesday, November 14, 2023 9:10 AM (20 minutes)

Presenter: COCCIA, Eugenio (IFAE)

Session Classification: Plenary

Contribution ID: 2

Type: **not specified**

EIB short introduction

Tuesday, November 14, 2023 9:50 AM (15 minutes)

The EIB chairs will report on the status of the board and on the activities expected during the Annual meeting

Presenters: STAHL, Achim (RWTH Aachen University); BAGNASCO, Stefano (Istituto Nazionale di Fisica Nucleare, Torino)

Session Classification: Plenary

Contribution ID: 3

Type: **not specified**

ETO news and updates

Tuesday, November 14, 2023 11:10 AM (20 minutes)

ETO news and updates

Author: FREISE;FREISE, Andreas (VU Amsterdam, Nikhef)

Co-author: Prof. FERRONI, Fernando (GSSI)

Presenters: FREISE;FREISE, Andreas (VU Amsterdam, Nikhef); Prof. FERRONI, Fernando (GSSI)

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

ISB: PBS-TDR

Wednesday, November 15, 2023 9:00 AM (55 minutes)

Authors: VARIOLA, Alessandro (INFN); ROCCHI, Alessio

Presenters: VARIOLA, Alessandro (INFN); ROCCHI, Alessio

Session Classification: Instrument Science Board (ISB)

Contribution ID: 5

Type: **not specified**

ISB: ET sensitivity

Wednesday, November 15, 2023 9:55 AM (55 minutes)

Presenter: KOROBKO, Mikhail

Session Classification: Instrument Science Board (ISB)

Contribution ID: 6

Type: **not specified**

ISB: Optical layout

Wednesday, November 15, 2023 11:10 AM (55 minutes)

Presenter: CASANUEVA, Julia (LAL)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 7

Type: **not specified**

ISB: General plenary

Wednesday, November 15, 2023 12:05 PM (55 minutes)

Presenter: HILD, Stefan (Maastricht University & Nikhef)

Session Classification: Instrument Science Board (ISB)

Contribution ID: **8**

Type: **not specified**

OSB: Mock Data Challenge

Thursday, November 16, 2023 9:00 AM (55 minutes)

Presenter: PORTER, Ed (APC/CNRS)

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

Specific Board reports

Thursday, November 16, 2023 9:55 AM (55 minutes)

Presenter: PORTER, Ed

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

Specific Board reports

Thursday, November 16, 2023 11:10 AM (55 minutes)

Session Classification: Plenary

Contribution ID: 11

Type: **not specified**

Conclusions

Thursday, November 16, 2023 12:30 PM (30 minutes)

Presenters: LUECK, Harald (Albert Einstein Institute Hannover); PUNTURO, Michele (INFN Perugia)

Session Classification: Plenary

Contribution ID: 12

Type: **not specified**

OSB: Blue book

Session Classification: Observational Science Board (OSB)

Contribution ID: 13

Type: **not specified**

OSB: Blue book

Session Classification: Observational Science Board (OSB)

Contribution ID: **14**

Type: **not specified**

ISB: Parallel session

Session Classification: Instrument Science Board (ISB)

Contribution ID: 15

Type: **not specified**

ISB: Parallel session

Session Classification: Instrument Science Board (ISB)

Contribution ID: **16**

Type: **not specified**

ISB: Parallel session: ET-LF tower

Tuesday, November 14, 2023 4:15 PM (1h 45m)

The idea is:

to have 3 short introductory presentations, one by each division, summarizing the main requirements followed by 1 hour of discussion.

The objectives are:

to collect and understand the different constraints and concepts
to start discussions of how they may be integrated.

Presenter: GROHMANN, Steffen

Session Classification: Instrument Science Board (ISB)

Contribution ID: 17

Type: **not specified**

ISB: Parallel session: ANM

Session Classification: Instrument Science Board (ISB)

Contribution ID: 20

Type: **not specified**

Review on EMR Measurements: geology&geophysics&geotechnics

Presenter: Dr WALK, Wim (Nikhef)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 21

Type: **not specified**

SPB/SCB

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 22

Type: **not specified**

Local authorities welcome talk

Tuesday, November 14, 2023 9:00 AM (5 minutes)

Presenter: Prof. STOCCHI, Achille (IJCLab)

Session Classification: Plenary

Contribution ID: 23

Type: **not specified**

ET Collaboration: Executive Board report

Tuesday, November 14, 2023 9:30 AM (20 minutes)

Author: PUNTURO, Michele (INFN Perugia)

Co-author: LUECK, Harald (Albert Einstein Institute Hannover)

Presenters: LUECK, Harald (Albert Einstein Institute Hannover); PUNTURO, Michele (INFN Perugia)

Session Classification: Plenary

Contribution ID: 24

Type: **not specified**

OSB short introduction

Tuesday, November 14, 2023 10:05 AM (15 minutes)

The OSB chairs will report on the status of the board and on the activities expected during the Annual meeting

Presenters: PORTER, Ed (APC/CNRS); BRANCHESI, Marica

Session Classification: Plenary

Contribution ID: 25

Type: **not specified**

SPB/SCB short introduction

Tuesday, November 14, 2023 10:20 AM (15 minutes)

The SPB/SCB chairs will report on the status of the board and on the activities expected during the Annual meeting

Presenters: D'URSO, Domenico (University of Sassari and INFN); WALK, Wim (Nikhef)

Session Classification: Plenary

Contribution ID: **26**

Type: **not specified**

ISB short introduction

Tuesday, November 14, 2023 10:35 AM (15 minutes)

The ISB chairs will report on the status of the board and on the activities expected during the Annual meeting

Presenters: HARMS, Jan (Gran Sasso Science Institute); HILD, Stefan (Maastricht University & Nikhef)

Session Classification: Plenary

Contribution ID: 27

Type: **not specified**

Towards the new Einstein Telescope logo: a journey of discovery

Thursday, November 16, 2023 12:05 PM (25 minutes)

Brainstorming session to survey feelings and expectations towards a new possible Einstein Telescope logo.

Authors: MILDE, Susanne; JAKUBIAK, Magda; HOIKA, Yuliya

Presenters: MILDE, Susanne; JAKUBIAK, Magda; HOIKA, Yuliya

Session Classification: Plenary

Contribution ID: **28**

Type: **not specified**

Project Office: Layout & Parameters

Wednesday, November 15, 2023 4:15 PM (50 minutes)

State of the parameters process and discussion on the list of proposed layouts

Author: ROCCHI, Alessio

Presenter: ROCCHI, Alessio

Session Classification: Project Office

Contribution ID: 29

Type: **not specified**

ISB: Parallel session: SLC

Session Classification: Instrument Science Board (ISB)

Contribution ID: 30

Type: **not specified**

Project Office: Risk Analysis

Wednesday, November 15, 2023 5:05 PM (55 minutes)

Discussion on global risk analysis processes

Presenter: MAHMOUD, Ghada

Session Classification: Project Office

Contribution ID: 31

Type: **not specified**

ISB: Parallel session: OPT/SUS

Session Classification: Instrument Science Board (ISB)

Contribution ID: 32

Type: **not specified**

ISB: Parallel session: OPT/SUS

Session Classification: Instrument Science Board (ISB)

Contribution ID: 33

Type: **not specified**

Project Office: Global Configuration

Thursday, November 16, 2023 9:00 AM (55 minutes)

Discussion on the integrated Tools strategy for configuration.

Presenters: OLIVETTO, Christian; LATRONICO, Luca

Session Classification: Project Office

Contribution ID: 34

Type: **not specified**

Introduction

Wednesday, November 15, 2023 9:00 AM (10 minutes)

Presenter: ROSINSKA, Dorota

Session Classification: ET Communication and Outreach

Contribution ID: 35

Type: **not specified**

Division 1 - Fundamental Physics

Tuesday, November 14, 2023 2:10 PM (15 minutes)

14:10 - 14:25

Presenter: PORTO, Rafael

Session Classification: Observational Science Board (OSB)

Contribution ID: **36**

Type: **not specified**

Division 2 - Cosmology

Tuesday, November 14, 2023 2:25 PM (15 minutes)

Presenter: GHOSH, Archisman

Session Classification: Observational Science Board (OSB)

Contribution ID: 37

Type: **not specified**

Division 3 - Population Studies

Tuesday, November 14, 2023 3:40 PM (15 minutes)

Presenter: CUSIN, Giulia

Session Classification: Observational Science Board (OSB)

Contribution ID: **38**

Type: **not specified**

Division 4 - Multimessenger Observations

Tuesday, November 14, 2023 2:40 PM (15 minutes)

Presenters: GHIRLANDA, Giancarlo; VERGANI, Susanna

Session Classification: Observational Science Board (OSB)

Contribution ID: 39

Type: **not specified**

Division 5 - Synergies with other GW Observatories

Tuesday, November 14, 2023 2:55 PM (15 minutes)

Presenter: TAMANINI, Nicola

Session Classification: Observational Science Board (OSB)

Contribution ID: **40**

Type: **not specified**

Division 6 - Nuclear Physics

Tuesday, November 14, 2023 3:10 PM (15 minutes)

Presenter: OERTEL, Micaela (LUTH, CNRS/Observatoire de Paris)

Session Classification: Observational Science Board (OSB)

Contribution ID: 41

Type: not specified

Division 7 - Stellar Collapse and Isolated Neutron Stars

Tuesday, November 14, 2023 3:25 PM (15 minutes)

Presenter: BIZOUARD, Marie-Anne

Session Classification: Observational Science Board (OSB)

Contribution ID: 42

Type: **not specified**

Division 8 - Waveforms

Tuesday, November 14, 2023 4:15 PM (15 minutes)

Presenter: SCHMIDT, Patricia

Session Classification: Observational Science Board (OSB)

Contribution ID: 43

Type: **not specified**

Division 9 - Common Tools

Tuesday, November 14, 2023 4:30 PM (15 minutes)

Presenter: HENG, Ik Siong

Session Classification: Observational Science Board (OSB)

Contribution ID: 44

Type: **not specified**

Division 10 - Data Analysis Platform

Tuesday, November 14, 2023 4:45 PM (15 minutes)

Presenter: REGIMBAU, Tania

Session Classification: Observational Science Board (OSB)

Introduction: welcome + goals of the workshop

Thursday, November 16, 2023 2:15 PM (20 minutes)

Session Classification: Sustainability workshop

Contribution ID: **46**

Type: **not specified**

Long-term sustainability of research infrastructures

Thursday, November 16, 2023 2:35 PM (15 minutes)

Presenter: SPAGNUOLO, Francesca (EGO)

Session Classification: Sustainability workshop

Contribution ID: 47

Type: **not specified**

Labos 1point5: Reducing the environmental footprint of our research activities

Thursday, November 16, 2023 2:50 PM (25 minutes)

Presenter: RIDEL, Mélissa (Sorbonne Université)

Session Classification: Sustainability workshop

Contribution ID: **48**

Type: **not specified**

CERN's strategy for an environmentally responsible research

Thursday, November 16, 2023 3:15 PM (25 minutes)

Presenter: KLEINER, Sonja (CERN)

Session Classification: Sustainability workshop

Contribution ID: 49

Type: **not specified**

Environmental sustainability in basic research: a perspective from HECAP+

Thursday, November 16, 2023 3:40 PM (25 minutes)

Presenter: GHIGLIERI, Jacopo (SUBATECH, Nantes)

Session Classification: Sustainability workshop

Contribution ID: 50

Type: **not specified**

The environmental footprint of astronomical research infrastructures

Thursday, November 16, 2023 4:05 PM (25 minutes)

Presenter: KNÖDLSEDER, Jürgen (IRAP)

Session Classification: Sustainability workshop

Contribution ID: 51

Type: **not specified**

The LIGO-Virgo-KAGRA climate change committee

Thursday, November 16, 2023 5:00 PM (40 minutes)

Presenter: Prof. HOLZ, Daniel (University of Chicago)

Session Classification: Sustainability workshop

Contribution ID: 52

Type: **not specified**

TBD

Session Classification: Sustainability workshop

Contribution ID: 53

Type: **not specified**

Discussion: how to use these (and other) initiatives for ET?

Thursday, November 16, 2023 5:40 PM (50 minutes)

Session Classification: Sustainability workshop

Contribution ID: 54

Type: **not specified**

Introduction: ET-PP and WP9

Friday, November 17, 2023 9:00 AM (20 minutes)

Session Classification: Sustainability workshop

Topical discussion: sustainability of the ET site infrastructure

Friday, November 17, 2023 9:20 AM (25 minutes)

Presenters: HAUZINGER, Elisabeth (University of Leoben); MARSELLA, maria (Sapienza University, Rome)

Session Classification: Sustainability workshop

Contribution ID: 56

Type: **not specified**

Topical discussion: sustainability and the ET instrument design

Friday, November 17, 2023 9:45 AM (25 minutes)

Presenters: LUECK, Harald (Albert Einstein Institute Hannover); PUNTURO, Michele (INFN Perugia); ARNAUD, Nicolas (IJCLab (UPSaclay and CNRS/IN2P3))

Session Classification: Sustainability workshop

Contribution ID: 57

Type: **not specified**

Topical discussion: sustainability and the ET computing

Friday, November 17, 2023 10:10 AM (25 minutes)

Presenter: ARNAUD, Nicolas (IJCLab (UPSAclay and CNRS/IN2P3))

Session Classification: Sustainability workshop

Contribution ID: 58

Type: **not specified**

Topical discussion: sustainability and the ET communication & outreach

Friday, November 17, 2023 10:35 AM (25 minutes)

Presenters: ARNAUD, Nicolas (IJCLab (UPSAclay and CNRS/IN2P3)); NAPOLANO, VINCENZO (EGO Outreach)

Session Classification: Sustainability workshop

Contribution ID: 59

Type: **not specified**

Organization of the sustainability work in ET

Friday, November 17, 2023 11:30 AM (30 minutes)

Session Classification: Sustainability workshop

Contribution ID: **60**

Type: **not specified**

Conclusions of the workshop and next steps

Friday, November 17, 2023 12:00 PM (30 minutes)

Session Classification: Sustainability workshop

Contribution ID: **61**

Type: **not specified**

Introduction

Wednesday, November 15, 2023 2:10 PM (5 minutes)

Presenter: SCHRAMM, Steven (University of Geneva)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: **62**

Type: **not specified**

Virgo low latency

Wednesday, November 15, 2023 2:20 PM (15 minutes)

Presenters: DE PIETRI, Roberto (Universita degli studi di Parma); VALLERO, Sara (INFN Torino)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: 63

Type: **not specified**

Vera Rubin

Wednesday, November 15, 2023 2:40 PM (15 minutes)

Presenter: PELOTON, Julien (CNRS-IJCLab)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: 64

Type: **not specified**

ESA

Wednesday, November 15, 2023 3:00 PM (15 minutes)

Presenter: JENNRICH, Oliver (ESA)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: 65

Type: **not specified**

ESO

Wednesday, November 15, 2023 3:20 PM (15 minutes)

Presenter: PATAT, Nando (ESO)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: **66**

Type: **not specified**

Virtual observatory

Wednesday, November 15, 2023 3:40 PM (15 minutes)

Presenter: GRECO, Giuseppe (INFN Perugia)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)

Contribution ID: 67

Type: **not specified**

Logistics

Tuesday, November 14, 2023 9:05 AM (5 minutes)

Presenter: Dr ROBINET, Florent (IJCLab - Orsay)

Session Classification: Plenary

Contribution ID: **68**

Type: **not specified**

Workshop on Core Optics and Suspensions

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 69

Type: **not specified**

Workshop on Core Optics and Suspensions

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: **70**

Type: **not specified**

ISB workshop: Recycling cavity design

Tuesday, November 14, 2023 5:00 PM (1 hour)

Presenter: CASANUEVA, Julia (LAL)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 71

Type: **not specified**

ET-PP news and updates

Tuesday, November 14, 2023 11:30 AM (15 minutes)

Presenter: Prof. MARTINEZ, Mario (IFAE)

Session Classification: Plenary

Contribution ID: 72

Type: **not specified**

ETO Project Office

Tuesday, November 14, 2023 11:45 AM (15 minutes)

Presenter: VARIOLA, Alessandro (INFN)

Session Classification: Plenary

Contribution ID: 73

Type: **not specified**

ETO Engineering Department

Tuesday, November 14, 2023 12:00 PM (15 minutes)

Presenter: Mr WERNEKE, Patrick (Nikhef)

Session Classification: Plenary

Contribution ID: 74

Type: **not specified**

ETO Communications

Tuesday, November 14, 2023 12:15 PM (15 minutes)

Presenter: OUDENHOVEN, Martine

Session Classification: Plenary

Contribution ID: 75

Type: **not specified**

CERN vacuum pipe results

Tuesday, November 14, 2023 12:30 PM (15 minutes)

Presenter: SCARCIA, Carlo (CERN)

Session Classification: Plenary

Contribution ID: 76

Type: **not specified**

CERN vacuum pipe planning and perspective

Tuesday, November 14, 2023 12:45 PM (15 minutes)

Presenter: SCIBILE, Luigi (CERN)

Session Classification: Plenary

Contribution ID: 77

Type: **not specified**

Mechanical prototype of a pre-isolation stage with actuators for active control

Presenter: LUCCHESI, Leonardo

Session Classification: Instrument Science Board (ISB)

Contribution ID: **78**

Type: **not specified**

Upgrade of active and passive attenuation systems of Superattenuator for ET

Tuesday, November 14, 2023 2:10 PM (15 minutes)

Presenter: LUCCHESI, Leonardo

Session Classification: Instrument Science Board (ISB)

Contribution ID: 79

Type: **not specified**

A new real-time control system for next generation gravitational waves detectors

Tuesday, November 14, 2023 3:40 PM (15 minutes)

Presenter: PROSPERI, Paolo

Session Classification: Instrument Science Board (ISB)

Contribution ID: **80**

Type: **not specified**

A test facility set-up for characterization of inertial sensors and actuators of future generations

Tuesday, November 14, 2023 2:25 PM (15 minutes)

Presenter: SPADA, Francesca

Session Classification: Instrument Science Board (ISB)

Contribution ID: **81**

Type: **not specified**

E-TEST

Tuesday, November 14, 2023 4:30 PM (15 minutes)

Presenter: AMEER, Sider

Session Classification: Instrument Science Board (ISB)

Contribution ID: **82**

Type: **not specified**

E-TEST

Tuesday, November 14, 2023 4:45 PM (15 minutes)

Presenter: JAMSHIDI, Rasa

Session Classification: Instrument Science Board (ISB)

Contribution ID: 83

Type: **not specified**

The ET beampipe requirements

Tuesday, November 14, 2023 3:25 PM (15 minutes)

Presenter: GRADO, Aniello

Session Classification: Instrument Science Board (ISB)

Contribution ID: **84**

Type: **not specified**

HF TM towers

Tuesday, November 14, 2023 3:10 PM (15 minutes)

Presenter: PASQUALETTI, Antonio

Session Classification: Instrument Science Board (ISB)

Contribution ID: 85

Type: **not specified**

PLaNET Laboratory

Tuesday, November 14, 2023 4:15 PM (15 minutes)

Presenter: DI FIORE, Luciano

Session Classification: Instrument Science Board (ISB)

Contribution ID: **86**

Type: **not specified**

Novel prototype for the ET Superattenuator

Tuesday, November 14, 2023 2:40 PM (15 minutes)

Presenter: FIDECARO, Francesco

Session Classification: Instrument Science Board (ISB)

Contribution ID: **87**

Type: **not specified**

Simulating the Superattenuator with Octopus

Tuesday, November 14, 2023 2:55 PM (15 minutes)

Presenter: RAZZANO, Massimiliano

Session Classification: Instrument Science Board (ISB)

Contribution ID: **88**

Type: **not specified**

SLC noise simulations in main arms

Wednesday, November 15, 2023 4:15 PM (15 minutes)

Presenters: ANDRES, Marc; MARTINEZ, Mario (IFAE)

Session Classification: Instrument Science Board (ISB)

Contribution ID: **89**

Type: **not specified**

Dust Studies

Wednesday, November 15, 2023 4:30 PM (15 minutes)

Presenter: MOSCATELLO, Andrea

Session Classification: Instrument Science Board (ISB)

Contribution ID: **90**

Type: **not specified**

Cryotrap baffle layout discussion

Wednesday, November 15, 2023 4:45 PM (15 minutes)

Presenter: HANKE, Stefan

Session Classification: Instrument Science Board (ISB)

Contribution ID: 91

Type: **not specified**

Discussion

Wednesday, November 15, 2023 5:00 PM (15 minutes)

Session Classification: Instrument Science Board (ISB)

Distributed seismic strain sensors for NNC

Wednesday, November 15, 2023 5:05 PM (15 minutes)

Presenters: ISLEIF, Katharina-Sophie; RADING, Reinhardt

Session Classification: Instrument Science Board (ISB)

Contribution ID: 93

Type: **not specified**

Compact interferometric sensor for local test-mass readout

Wednesday, November 15, 2023 5:20 PM (15 minutes)

Presenters: MAHESH, Meenakshi; GERBERDING, Oliver

Session Classification: Instrument Science Board (ISB)

Contribution ID: 94

Type: **not specified**

Newtonian Noise Cancellation using Machine learning: application to AdV+ and perspectives for ET

Wednesday, November 15, 2023 5:35 PM (15 minutes)

Presenter: KOLEY, Soumen

Session Classification: Instrument Science Board (ISB)

Contribution ID: 95

Type: **not specified**

Introduction to Sardinia Candidature Activities

Tuesday, November 14, 2023 2:10 PM (20 minutes)

Presenter: D'URSO, Domenico (University of Sassari and INFN)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: **96**

Type: **not specified**

Progressing towards the 4D geological characterization of the Einstein Telescope site in Sardinia

Tuesday, November 14, 2023 2:30 PM (30 minutes)

Presenter: Dr CARDELLO, Luca (University of Sassari and INFN)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 97

Type: **not specified**

Summary of site characterization activities at the Sardinia candidate site for the Einstein Telescope

Tuesday, November 14, 2023 3:00 PM (40 minutes)

Presenter: Dr DI GIOVANNI, Matteo (Univ. of Rome La Sapienza & INFN)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: **98**

Type: **not specified**

Review on Sardinia Measurements: data repository

Tuesday, November 14, 2023 3:40 PM (15 minutes)

Presenter: Dr FIORI, Alessio (Univ. of Pisa and INFN)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 99

Type: **not specified**

Review on EMR Measurements: geology&geophysics&geotechnics

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: **100**

Type: **not specified**

Discussions and Conclusions (Site Characterization strategy, Workshop, ...)

Wednesday, November 15, 2023 3:30 PM (25 minutes)

Presenters: D'URSO, Domenico (University of Sassari and INFN); WALK, Wim (Nikhef)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: **101**

Type: **not specified**

Engineering Department Mandate and organizazion

Wednesday, November 15, 2023 11:10 AM (20 minutes)

Author: Mr WERNEKE, Patrick

Presenter: Mr WERNEKE, Patrick

Session Classification: Engineering Department

Contribution ID: **102**

Type: **not specified**

Roadmap for Civil Engineering Preliminary TDR

Wednesday, November 15, 2023 11:30 AM (20 minutes)

Presenter: MARSELLA, maria (Sapienza University, Rome)

Session Classification: Engineering Department

Contribution ID: **103**

Type: **not specified**

Links between special systems and civil infrastructure:lesson learnt from the beam pipe design

Wednesday, November 15, 2023 11:50 AM (20 minutes)

Presenter: SCIBILE, luigi

Session Classification: Engineering Department

Contribution ID: **104**

Type: **not specified**

SPB contributions to civil engineering roadmap

Wednesday, November 15, 2023 12:10 PM (20 minutes)

Co-author: D'URSO, domenico

Presenters: D'URSO, domenico; WALK, wim

Session Classification: Engineering Department

Contribution ID: **105**

Type: **not specified**

Seed questions and future actions

Wednesday, November 15, 2023 12:30 PM (30 minutes)

Session Classification: Engineering Department

Contribution ID: **106**

Type: **not specified**

ET Web,social media and logo

Wednesday, November 15, 2023 9:10 AM (15 minutes)

Presenter: NAPOLANO, VINCENZO (EGO Outreach)

Session Classification: ET Communication and Outreach

Contribution ID: **107**

Type: **not specified**

ET resources/repository

Wednesday, November 15, 2023 9:25 AM (10 minutes)

Presenter: RIEGER, Sascha

Session Classification: ET Communication and Outreach

Contribution ID: **108**

Type: **not specified**

ET Education Center in Netherlands

Wednesday, November 15, 2023 9:35 AM (15 minutes)

Presenter: KOEKOEK, Gideon

Session Classification: ET Communication and Outreach

Contribution ID: **109**

Type: **not specified**

ET communication and public engagement in Italy

Wednesday, November 15, 2023 9:50 AM (15 minutes)

Presenter: SERRA, Matteo

Session Classification: ET Communication and Outreach

Contribution ID: **110**

Type: **not specified**

Discussion

Wednesday, November 15, 2023 10:05 AM (30 minutes)

Session Classification: ET Communication and Outreach

Contribution ID: 111

Type: **not specified**

EMR General overview and Organization

Wednesday, November 15, 2023 2:10 PM (20 minutes)

Presenter: WALK, Wim (Nikhef)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 112

Type: **not specified**

EMR borehole drilling approach and schedule

Wednesday, November 15, 2023 2:30 PM (20 minutes)

Presenter: VINK, Bjorn (Nikhef)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 113

Type: **not specified**

EMR Seismic and noise measurements

Wednesday, November 15, 2023 2:50 PM (20 minutes)

Presenter: KIEHN, Michael (Nikhef)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 114

Type: **not specified**

EMR geomechanics and civil engineering

Wednesday, November 15, 2023 3:10 PM (20 minutes)

Presenter: LAMAS, Patricia (Amberg)

Session Classification: Site Preparation & Characterization Board (SPB/SCB)

Contribution ID: 115

Type: **not specified**

Introduction

Wednesday, November 15, 2023 9:00 AM (10 minutes)

Presenters: VERDIER, Patrice (IP2I Lyon - IN2P3); BAGNASCO, Stefano (Istituto Nazionale di Fisica Nucleare, Torino)

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: **116**

Type: **not specified**

ESCAPE and the ET

Wednesday, November 15, 2023 9:10 AM (20 minutes)

Presenter: LAMANNA (TBC), Giovanni (LAPP)

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: 117

Type: **not specified**

The TechZoo cluster in Torino

Wednesday, November 15, 2023 9:30 AM (20 minutes)

Presenters: LAVEZZI, Lia (INFN Torino); TABASSO, Luca (INFN Torino)

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: **118**

Type: **not specified**

Mock Data Challenge: status

Wednesday, November 15, 2023 9:50 AM (20 minutes)

Presenter: TBD

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: 119

Type: **not specified**

Geneva Workshop outcomes

Wednesday, November 15, 2023 10:10 AM (20 minutes)

Presenter: LAYCOCK, Paul (University of Geneva)

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: 120

Type: **not specified**

Sustainability & computing: introduction to the discussion

Wednesday, November 15, 2023 10:30 AM (10 minutes)

Presenters: VERDIER, Patrice (IP2I Lyon - IN2P3); BAGNASCO, Stefano (Istituto Nazionale di Fisica Nucleare, Torino)

Session Classification: e-Infrastructure Board (EIB)

Contribution ID: 121

Type: **not specified**

Introduction about Sapphire

Wednesday, November 15, 2023 2:10 PM (10 minutes)

Presenter: TRAVASSO, Flavio (Università di Camerino - INFN Perugia)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 122

Type: **not specified**

KAGRA sapphire test masses

Wednesday, November 15, 2023 2:20 PM (15 minutes)

Presenter: EISENMANN, Marc

Session Classification: Instrument Science Board (ISB)

Contribution ID: 123

Type: **not specified**

Apparatus for birefringence measurements of substrates, coatings and coating birefringence noise

Wednesday, November 15, 2023 2:35 PM (15 minutes)

Author: Prof. ZAVATTINI, Guido (University of Ferrara and INFN-Ferrara)

Presenter: Prof. ZAVATTINI, Guido (University of Ferrara and INFN-Ferrara)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 124

Type: **not specified**

Status of cryogenic payload program in Rome

Wednesday, November 15, 2023 2:50 PM (15 minutes)

Presenter: MAJORANA, Ettore

Session Classification: Instrument Science Board (ISB)

Contribution ID: 125

Type: **not specified**

Discussion

Wednesday, November 15, 2023 3:05 PM (20 minutes)

Session Classification: Instrument Science Board (ISB)

Contribution ID: **126**

Type: **not specified**

Virgo Next coatings

Wednesday, November 15, 2023 3:25 PM (10 minutes)

Presenter: LEMAITRE, Anael

Session Classification: Instrument Science Board (ISB)

Core optics and coating R&D plan ET_Italia / ETIC

Wednesday, November 15, 2023 3:35 PM (10 minutes)

Presenter: CESARINI, Elisabetta

Session Classification: Instrument Science Board (ISB)

Contribution ID: **128**

Type: **not specified**

Current status of the CoMET facility for the research on new coating materials

Wednesday, November 15, 2023 3:45 PM (10 minutes)

Presenter: CIANI, Giacomo (Università di Padova e Istituto Nazionale di Fisica Nucleare)

Session Classification: Instrument Science Board (ISB)

Contribution ID: **129**

Type: **not specified**

QDPI: A new facility at Sannio/Salerno RU

Wednesday, November 15, 2023 4:15 PM (10 minutes)

Presenter: GRANATA, Veronica

Session Classification: Instrument Science Board (ISB)

Contribution ID: 130

Type: **not specified**

Temperature-dependent optical characterization of materials for mirrors: from cryogenic to annealing temperatures, updates from Genova

Wednesday, November 15, 2023 4:25 PM (15 minutes)

Presenter: MAGNOZZI, Michele (Università di Genova)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 131

Type: **not specified**

Update on crystalline oxides

Wednesday, November 15, 2023 4:40 PM (15 minutes)

Presenter: LOCQUET, Jean-Pierre (KULeuven)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 132

Type: **not specified**

Discussion: periodic core meetings and new groups

Wednesday, November 15, 2023 4:55 PM (10 minutes)

Session Classification: Instrument Science Board (ISB)

Contribution ID: 133

Type: **not specified**

Introduction and open questions

Thursday, November 16, 2023 2:10 PM (10 minutes)

Presenter: AMATO, Alex (Maastricht University)

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 134

Type: **not specified**

Summary of workshop in Glasgow (core optics)

Thursday, November 16, 2023 2:20 PM (15 minutes)

Presenter: SPENCER, Andrew

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 135

Type: **not specified**

Silicon production at IKZ

Thursday, November 16, 2023 2:35 PM (10 minutes)

Presenter: BUCKOVSKA, Iryna

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 136

Type: **not specified**

ETPathfinder silicon test mass

Thursday, November 16, 2023 2:45 PM (15 minutes)

Presenter: WÖHNER, Janis

Session Classification: Workshop on Core Optics and Suspensions

Discussion: Substrate size and absorption

Thursday, November 16, 2023 3:00 PM (30 minutes)

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 138

Type: **not specified**

Introduction and open questions + summary workshop (susp)

Thursday, November 16, 2023 4:00 PM (15 minutes)

Presenter: TRAVASSO, Flavio (Università di Camerino - INFN Perugia)

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 139

Type: **not specified**

Stress distribution in crystalline silicon blades (part 1)

Thursday, November 16, 2023 4:15 PM (10 minutes)

Presenter: VAN HEIJNINGEN, Joris

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 140

Type: **not specified**

Stress distribution in crystalline silicon blades (part 2)

Thursday, November 16, 2023 4:25 PM (15 minutes)

Presenter: APPAVURAVTHER, Esra Zerina

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 141

Type: **not specified**

Welding status report

Thursday, November 16, 2023 4:40 PM (15 minutes)

Presenter: MONTANI, Matteo (University of Urbino & INFN di Firenze)

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 142

Type: **not specified**

Discussion: periodic meetings susp + core

Thursday, November 16, 2023 4:55 PM (30 minutes)

Session Classification: Workshop on Core Optics and Suspensions

Contribution ID: 143

Type: **not specified**

Setting the stage

Wednesday, November 15, 2023 2:15 PM (5 minutes)

Presenter: BRANCHESI, Marica (GSSI)

Session Classification: e-Infrastructure Board / Observational Science Board (EIB-OSB)