### 6th FCC Physics Workshop



## Report of Contributions

Contribution ID: 6 Type: not specified

#### test

Primary author: NIEWIARA, Malgorzata (IFJ PAN)

**Presenter:** NIEWIARA, Malgorzata (IFJ PAN)

Session Classification: Overview of FCC feasibility study status

Contribution ID: 13 Type: not specified

### Status of FCC Feasibility Study

Monday 23 January 2023 09:00 (25 minutes)

**Presenter:** BENEDIKT, Michael (CERN)

**Session Classification:** Overview of FCC feasibility study status

Contribution ID: 14 Type: Oral

# ECFA Higgs factory studies and FCC feasibility studies: synergies and complementarities (remote)

Monday 23 January 2023 09:30 (20 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's e-mail  |
| Author's mane  |
| Abstract Title   |
|  |
| Presenter: ROBSON, Aidan (University of Glasgow (GB))            |
| Session Classification: Overview of FCC feasibility study status |

Contribution ID: 15 Type: not specified

# FCC and muon collider: synergies and complementarities

Monday 23 January 2023 09:55 (25 minutes)

Presenter: FRANCESCHINI, Roberto (Rome 3 U.)

Session Classification: Overview of FCC feasibility study status

Contribution ID: 16 Type: Oral

### **US Contributions to FCC after Snowmass**

Monday 23 January 2023 10:25 (15 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| Presenter: ENO, Sarah (University of Maryland (US))                     |
| <b>Session Classification:</b> Overview of FCC feasibility study status |

Contribution ID: 17 Type: not specified

### Higgs physics experimental overview

Monday 23 January 2023 11:15 (15 minutes)

**Presenter:** SELVAGGI, Michele (CERN)

Session Classification: Higgs

Contribution ID: 18 Type: not specified

### Higgs coupling fits

Monday 23 January 2023 11:35 (18 minutes)

Presenter: DE BLAS, Jorge (Universidad de Granada (ES))

Session Classification: Higgs

Contribution ID: 19 Type: not specified

### Geganbauers & Higgs Self-coupling

Monday 23 January 2023 12:25 (18 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
| Presenter: SALVIONI, Ennio (Universita e INFN, Padova (IT)) |
| Session Classification: Higgs                               |

Contribution ID: 20 Type: not specified

### **Diboson at FCC-hh (remote)**

Friday 27 January 2023 09:00 (18 minutes)

**Presenter:** BANERJEE, Shankha (CERN)

Session Classification: Higgs

Contribution ID: 21 Type: not specified

### **Physics Motivation**

Monday 23 January 2023 14:10 (35 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's e-mail  |
| Author's mane  |
| Abstract Title   |
|  |
| <b>Presenters:</b> DURIEUX, Gauthier (CERN); YOU, Tiann Tevong (King's College London) |
| Session Classification: Electroweak  |

Contribution ID: 22 Type: not specified

### The Z lineshape: a case study template

Monday 23 January 2023 14:50 (18 minutes)

**Presenter:** BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: Electroweak

Contribution ID: 24 Type: not specified

#### **TBD**

**Presenter:** GLUZA, Janusz (University of Silesia (PL))

Session Classification: Electroweak

Contribution ID: 25 Type: not specified

# High-precision QED initial state corrections for e+e--> gamma\*/Z\* annihilation (remote)

Monday 23 January 2023 15:40 (18 minutes)

**Presenter:** BLUEMLEIN, Johannes

Session Classification: Electroweak

Contribution ID: 26 Type: not specified

### Measurement of tau polarisation at TeraZ (remote)

Monday 23 January 2023 16:05 (18 minutes)

**Presenter:** BRIENT, Jean-Claude (Centre National de la Recherche Scientifique (FR))

Session Classification: Electroweak

Contribution ID: 27 Type: not specified

### Status and prospects for the EPOL measurements

Monday 23 January 2023 17:00 (25 minutes)

Presenter: WILKINSON, Guy (University of Oxford (GB))

Session Classification: EPOL

Contribution ID: 28 Type: not specified

# Theoretical precision of luminosity determination at Higgs factories

Monday 23 January 2023 17:30 (18 minutes)

**Presenters:** SKRZYPEK, Maciej (National Centre for Nuclear Research); SKRZYPEK, Maciej (Polish

Academy of Sciences (PL))

Session Classification: EPOL

Session Classification: EPOL

Contribution ID: 29 Type: not specified

# Status and progress on monochromatisation studies (remote)

Monday 23 January 2023 17:55 (18 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's e-mail  |
| Author's mane  |
| Abstract Title   |
| <b>Presenters:</b> FAUS-GOLFE, Angeles (Laboartoire de l'Accelerateur Lineaire); Dr FAUS-GOLFE, Angeles (IIClab IN2P3 CNRS-Université Paris-Saclay (FR)) |

Contribution ID: 30 Type: not specified

### Role of timing measurements in EPOL studies

Monday 23 January 2023 18:20 (18 minutes)

**Presenter:** PEREZ, Emmanuel Francois (CERN)

Session Classification: EPOL

Contribution ID: 31 Type: not specified

## Studies with dileptons: machine parameters and EW studies (remote)

Monday 23 January 2023 18:45 (18 minutes)

Presenter: WILSON, Graham (The University of Kansas (US))

Session Classification: EPOL

Contribution ID: 32 Type: not specified

### Introduction and statuts of things

Tuesday 24 January 2023 09:00 (15 minutes)

Presenter: GANIS, Gerardo (CERN)

Session Classification: Software and Computing

Contribution ID: 33 Type: not specified

### Key4hep and FCC software

Tuesday 24 January 2023 09:20 (20 minutes)

Presenter: GANIS, Gerardo (CERN)

Session Classification: Software and Computing

Contribution ID: 34 Type: not specified

### **Tools for Monte Carlo productions**

Tuesday 24 January 2023 10:10 (20 minutes)

**Presenter:** SAILER, Andre (CERN)

Session Classification: Software and Computing

Contribution ID: 35 Type: not specified

### Analysis and visiualisation

Tuesday 24 January 2023 09:45 (20 minutes)

Presenter: SMIESKO, Juraj (CERN)

Session Classification: Software and Computing

Contribution ID: 36 Type: not specified

### Introduction by conveners

Tuesday 24 January 2023 11:00 (15 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| <b>Presenter:</b> SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)) |
| Session Classification: Detector  |

Contribution ID: 37 Type: not specified

### **Calorimetry**

Tuesday 24 January 2023 11:20 (18 minutes)

**Presenter:** FERRARI, Roberto (INFN Pavia (IT))

Session Classification: Detector

Contribution ID: 38 Type: not specified

### Gaseous detectors (remote)

Tuesday 24 January 2023 11:45 (18 minutes)

Presenter: COLALEO, Anna (Universita e INFN, Bari (IT))

Session Classification: Detector

Contribution ID: 39 Type: not specified

### Silicon detectors (remote)

Tuesday 24 January 2023 12:10 (18 minutes)

Presenter: CARTIGLIA, Nicolo (INFN Torino (IT))

Session Classification: Detector

Contribution ID: 40 Type: not specified

### **TPC** operability

Tuesday 24 January 2023 12:35 (18 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's e-mail  |
| Author's mane  |
| Abstract Title   |
|  |
| <b>Presenter:</b> COLAS, Paul (Université Paris-Saclay (FR)) |
| Session Classification: Detector                             |

Contribution ID: 41 Type: not specified

### Introduction by conveners

Tuesday 24 January 2023 14:30 (15 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| Presenter: POLESELLO, Giacomo (INFN, Sezione di Pavia (IT)) |
| Session Classification: BSM studies                         |

Contribution ID: 42 Type: not specified

### Exploring Z' models at FCC

Tuesday 24 January 2023 14:50 (18 minutes)

**Presenter:** ALLANACH, Ben (University of Cambridge (GB))

Session Classification: BSM studies

Contribution ID: 43 Type: not specified

# Quantum information and CP measurement in H->tau tau

Thursday 26 January 2023 12:00 (18 minutes)

**Presenter:** LAMBA, Priyanka

Session Classification: Tau

Contribution ID: 44 Type: **not specified** 

### Electroweak phase transition

Tuesday 24 January 2023 15:40 (18 minutes)

**Presenter:** BLASI, Simone (VUB - IDP (Vrije Universiteit Brussel))

Session Classification: BSM studies

Contribution ID: 45 Type: not specified

### **SMET vs HEFT**

Tuesday 24 January 2023 16:05 (18 minutes)

| Topic                               |
|-------------------------------------|
| Author's Institute                  |
| Author's e-mail                     |
| Author's mane                       |
| Abstract Title                      |
|                                     |
| Presenter: SUTHERLAND, David        |
| Session Classification: BSM studies |

Contribution ID: 46 Type: not specified

### Introduction by conveners

Tuesday 24 January 2023 17:00 (15 minutes)

Presenter: BOSCOLO, Manuela (INFN e Laboratori Nazionali di Frascati (IT))

**Session Classification:** Joint MDI/Detector

Contribution ID: 47 Type: **not specified** 

### Mechanical model of FCC-ee MDI

Tuesday 24 January 2023 17:20 (18 minutes)

Presenter: FRANSESINI, Francesco

**Session Classification:** Joint MDI/Detector

Contribution ID: 48 Type: not specified

# Detectors integration in the MDI area

Tuesday 24 January 2023 17:45 (18 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| Presenter: BEDESCHI, Franco (Universita & INFN Pisa (IT)) |
| Session Classification: Joint MDI/Detector                |

Contribution ID: 49 Type: not specified

# Status and Perspectives for FCC-ee Detector Background Studies (remote)

Tuesday 24 January 2023 18:10 (18 minutes)

Presenter: CIARMA, Andrea (CERN)

**Session Classification:** Joint MDI/Detector

Contribution ID: 50 Type: not specified

# FCC-hh detector concept

Tuesday 24 January 2023 18:35 (18 minutes)

**Presenter:** ZABOROWSKA, Anna (CERN)

**Session Classification:** Joint MDI/Detector

Contribution ID: 51 Type: not specified

# Modeling of hadronization

Thursday 26 January 2023 09:00 (18 minutes)

Presenter: SIODMOK, Andrzej Konrad (Jagiellonian University (PL))

Session Classification: QCD

Contribution ID: 52 Type: not specified

# Flavour jet tagging at FCC-ee with ParticleNet

Thursday 26 January 2023 09:25 (18 minutes)

Presenter: GOUSKOS, Loukas (CERN)

Session Classification: QCD

Contribution ID: 53 Type: not specified

# Multi-flavour taggers from transformer graph DNN (cancelled)

**Presenter:** PLOERER, Eduardo

Session Classification: QCD

Contribution ID: 54 Type: **not specified** 

### Universality tests in tau decays

Thursday 26 January 2023 10:20 (18 minutes)

**Presenter:** ALLWICHER, Lukas

Session Classification: Tau

Contribution ID: 55 Type: not specified

#### Tau lifetime

Thursday 26 January 2023 10:45 (18 minutes)

Presenter: Dr LUSIANI, Alberto (Scuola Normale Superiore and INFN, sezione di Pisa)

Session Classification: Tau

Contribution ID: 56 Type: not specified

### B to K\* tau tau

Thursday 26 January 2023 11:10 (18 minutes)

**Presenter:** MIRALLES, Tristan (Université Clermont Auvergne (FR))

Session Classification: Tau

Contribution ID: 57 Type: not specified

# On precise tau simulations

Thursday 26 January 2023 11:35 (18 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Session Classification: Tau

Contribution ID: 58 Type: not specified

# Afb (focus on discussion of systematics control and evaluation)

Monday 23 January 2023 15:15 (18 minutes)

Presenter: GUERRIERI, Giovanni (Universita e INFN Trieste (IT))

Session Classification: Electroweak

Contribution ID: 59 Type: not specified

# Projects in Physics Programme and Physics Performance

Thursday 26 January 2023 13:35 (15 minutes)

| Торіс  |
|--|
| Author's Institute                                 |
| Author's e-mail                                    |
| Author's mane                                      |
| Abstract Title                                     |
| Presenters: AZZI, Patrizia (INFN Padova (IT)); TBC |
| Session Classification: IFNC                       |

Contribution ID: 60 Type: not specified

# **Projects in Software**

Thursday 26 January 2023 13:50 (15 minutes)

Presenter: GANIS, Gerardo (CERN)

Session Classification: IFNC

Contribution ID: 61 Type: not specified

### Projects in Detectors, MDI, EPOL

Thursday 26 January 2023 14:05 (15 minutes)

**Presenter:** DAM, Mogens (University of Copenhagen (DK))

Session Classification: IFNC

Contribution ID: 62 Type: not specified

#### **Activities in the different countries**

Thursday 26 January 2023 14:30 (30 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's e-mail  |
| Author's mane  |
| Abstract Title   |
| Proceedance ALL NATIONAL CONTACTS, DEDNARDI Connecia (ADC D. CONTOCTNODO)    |
| Presenters: ALL NATIONAL CONTACTS; BERNARDI, Gregorio (APC Paris CNRS/IN2P3) |
| Session Classification: IFNC   |

Contribution ID: 63 Type: not specified

# Summary of activities

Thursday 26 January 2023 15:00 (10 minutes)

**Presenter:** BERNARDI, Gregorio (APC Paris CNRS/IN2P3)

Session Classification: IFNC

Contribution ID: 64 Type: **not specified** 

# GRIFFIN: A C++ library for EW radiative corrections in fermion scattering and decay processes

Friday 27 January 2023 11:35 (18 minutes)

**Presenter:** CHEN, Lisong (KIT)

Session Classification: Electroweak

Contribution ID: 65 Type: not specified

### NNLO corrections to H+Z (remote)

Friday 27 January 2023 12:25 (18 minutes)

Presenter: SONG, Qian (University of Pittsburgh)

Session Classification: Electroweak

Contribution ID: 66 Type: not specified

### NNLO corrections to H+Z

| Торіс  |  |
|--|--|
| Author's Institute                             |  |
| Author's e-mail                                |  |
| Author's mane                                  |  |
| Abstract Title                                 |  |
| Presenter: Dr LIU, Xiao (University of Oxford) |  |
| Session Classification: Electroweak            |  |

Contribution ID: 67 Type: not specified

# Measurement of the W mass: the way forward (remote)

Friday 27 January 2023 11:10 (18 minutes)

Presenter: AZZURRI, Paolo (Universita & INFN Pisa (IT))

Session Classification: Electroweak

Contribution ID: 68 Type: not specified

# Higgs mass and ZH cross-section

Friday 27 January 2023 09:50 (18 minutes)

**Presenter:** LI, Ang (APC, CNRS/IN2P3 and Université Paris Cité)

Session Classification: Higgs

Contribution ID: 69 Type: not specified

# Higgs to hadrons in ZH with $Z\rightarrow II/vv$

Friday 27 January 2023 10:15 (18 minutes)

Presenter: MARCHIORI, Giovanni (APC, CNRS/IN2P3 and Université de Paris)

Session Classification: Higgs

Contribution ID: **70** Type: **not specified** 

# Higgs to hadrons in ZH with Z->vv/jj

Presenter: ALY, Reham (Politecnico - Universita e INFN, Bari (IT))

Session Classification: Higgs

Contribution ID: 71 Type: not specified

# Higgs to invisible (remote)

Monday 23 January 2023 12:00 (18 minutes)

| Topic   |
|---|
| Author's Institute                                      |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
| Presenter: MEHTA, Andrew (University of Liverpool (GB)) |
| Session Classification: Higgs                           |

Contribution ID: 72 Type: not specified

# Higgs/top interplay

Friday 27 January 2023 09:25 (18 minutes)

**Presenter:** VRYONIDOU, Eleni (University of Manchester (GB))

Session Classification: Higgs

Contribution ID: 73 Type: not specified

# ECFA Higgs factory workshops and FCC FS: synergies and complementarities

**Presenter:** ROBSON, Aidan (University of Glasgow (GB))

Session Classification: Highlights and Future Plans

Contribution ID: 74 Type: **not specified** 

### Future plans: physics program

Friday 27 January 2023 14:15 (15 minutes)

Future plans: physics program

Topic

Author's Institute

Author's e-mail

Author's mane

Abstract Title

Presenter: MCCULLOUGH, Matthew Philip (CERN)

Session Classification: Highlights and Future Plans

Contribution ID: 75 Type: not specified

### Future plans: physics performance

Friday 27 January 2023 14:30 (15 minutes)

Future plans: physics performance

Presenter: AZZI, Patrizia (INFN Padova (IT))

Session Classification: Highlights and Future Plans

Contribution ID: 76 Type: not specified

### Future plans: detector concepts

Friday 27 January 2023 14:45 (15 minutes)

Future plans: detector concepts

**Presenter:** DAM, Mogens (University of Copenhagen (DK))

Session Classification: Highlights and Future Plans

Contribution ID: 77 Type: **not specified** 

### Future plans: software and computing

Friday 27 January 2023 15:00 (15 minutes)

Future plans: software and comp  $\,\cdots\,$ 

Presenter: GANIS, Gerardo (CERN)

Session Classification: Highlights and Future Plans

Contribution ID: 78 Type: not specified

### **Future plans: EPOL (remote)**

Friday 27 January 2023 15:15 (15 minutes)

Future plans: EPOL (remote)

Topic

Author's Institute

Author's e-mail

Author's mane

Abstract Title

Presenter: KEINTZEL, Jacqueline (CERN)

Session Classification: Highlights and Future Plans

Contribution ID: 79 Type: not specified

# Future plans: MDI

Friday 27 January 2023 15:30 (15 minutes)

Future plans: MDI

Presenter: BOSCOLO, Manuela (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Highlights and Future Plans

Contribution ID: 80 Type: not specified

### Introduction by conveners

Wednesday 25 January 2023 09:00 (15 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: QCD

Contribution ID: 81 Type: not specified

# Review of strong coupling at FCC-ee (remote)

Wednesday 25 January 2023 09:20 (18 minutes)

**Presenter:** KLUTH, Stefan (Max Planck Society (DE))

Session Classification: QCD

Contribution ID: 82 Type: not specified

### Precision calculations at FCC-ee (remote)

Wednesday 25 January 2023 09:45 (18 minutes)

**Presenter:** MONNI, Pier Francesco (CERN)

Session Classification: QCD

Contribution ID: 83 Type: not specified

# Monte Carlo challenges for FCC-ee and progress

Wednesday 25 January 2023 10:10 (18 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| Primary author: PLAETZER, Simon (U. of Graz)  |
| <b>Presenters:</b> PLAETZER, Simon (U. of Graz); PLATZER, Simon (University of Graz (AT)) |
| Session Classification: QCD   |

Contribution ID: 84 Type: not specified

# Strategy and plans for detector software

Wednesday 25 January 2023 11:00 (18 minutes)

**Presenter:** FRANCOIS, Brieuc (CERN)

Session Classification: Joint Detector/Software

Contribution ID: 85 Type: not specified

# ARC: progress update and plans towards full simulation

Wednesday 25 January 2023 11:25 (18 minutes)

**Presenter:** TAT, Martin (University of Oxford)

Session Classification: Joint Detector/Software

Contribution ID: **86** Type: **not specified** 

# Modelling signal digitisation for test calorimeters: the CALICE experience (remote)

Wednesday 25 January 2023 11:50 (18 minutes)

| Topic  |
|--|
| Author's Institute   |
| Author's institute   |
| Author's e-mail  |
|  |
| Author's mane  |
| Abstract Title   |
|  |
| Presenter: BOUDRY, Vincent (LLR, CNRS, École polytechnique, Institut Polytechnique de Paris) |
| Session Classification: Joint Detector/Software  |

Contribution ID: 87 Type: not specified

# Modelling signal digitisation for trackers

Wednesday 25 January 2023 12:15 (18 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
|   |
| <b>Presenter:</b> FARINELLI, Riccardo (Universita e INFN, Ferrara (IT)) |
| Session Classification: Joint Detector/Software                         |

Contribution ID: 88 Type: not specified

### Introduction by conveners (remote)

Wednesday 25 January 2023 14:05 (15 minutes)

**Presenter:** MONTEIL, Stephane (Université Clermont Auvergne (FR))

Session Classification: Flavour/BSM

Contribution ID: 89 Type: not specified

# Higgs and flavor (with a focus on FCNC)

Wednesday 25 January 2023 14:25 (18 minutes)

**Presenters:** ZUPAN, Jure (University of Cincinnati); ZUPAN, Jure (University of Ljubljana)

Session Classification: Flavour/BSM

Contribution ID: 90 Type: not specified

# Projections of CKM global fits and meson mixings

Wednesday 25 January 2023 14:50 (18 minutes)

**Presenter:** VALE SILVA, Luiz

**Session Classification:** Flavour/BSM

Contribution ID: 91 Type: not specified

# **Top FCNC (remote)**

Wednesday 25 January 2023 15:15 (18 minutes)

**Presenter:** TIZCHANG, Seddigheh (Institute for Research in Fundamental Sciences (IR))

Session Classification: Flavour/BSM

Contribution ID: 92 Type: not specified

# LLP experimental perspectives at FCC-ee: ALPS and exotic Higgs decays (remote)

Wednesday 25 January 2023 15:40 (18 minutes)

Presenter: RIPELLINO, Giulia (Uppsala University (SE))

Session Classification: Flavour/BSM

Contribution ID: 93 Type: not specified

# LLP experimental perspectives at FCC-ee: Heavy Neutral Leptons

Wednesday 25 January 2023 16:05 (18 minutes)

**Presenter:** KULKARNI, Suchita (University of Graz)

Session Classification: Flavour/BSM

Contribution ID: 94 Type: **not specified** 

# Summary of review on civil engineering and technical infrastructure requirements for FCC experimental sites

Wednesday 25 January 2023 17:00 (18 minutes)

**Presenter:** DAM, Mogens (University of Copenhagen (DK))

Session Classification: MDI

Contribution ID: 95 Type: not specified

### Lessons learnt from CMS IR mock-ups (remote)

Wednesday 25 January 2023 17:25 (18 minutes)

Presenter: GADDI, Andrea (CERN)

Session Classification: MDI

Contribution ID: 96 Type: not specified

#### **IR** beams losses

Wednesday 25 January 2023 17:50 (18 minutes)

Presenter: ABRAMOV, Andrey (CERN)

Session Classification: MDI

Contribution ID: 97 Type: not specified

# FCC-ee synchroton radiation collimators and masks (remote)

Wednesday 25 January 2023 18:15 (18 minutes)

| Topic                                      |
|--|
| Author's Institute                         |
| Author's e-mail                            |
| Author's mane                              |
| Abstract Title                             |
|  |
| Presenter: ANDRE, Kevin Daniel Joel (CERN) |
| Session Classification: MDI                |

Contribution ID: 98 Type: not specified

### **Detector Stray Magnetic Fields**

Wednesday 25 January 2023 18:40 (18 minutes)

Presenter: DEELEN, Nikkie (CERN)

Session Classification: MDI

Contribution ID: 100 Type: Oral

# Z decay and heavy neutrinos at FCC-ee

Tuesday 24 January 2023 15:15 (18 minutes)

Presenters: KARMAKAR, Biswajit; KARMAKAR, Biswajit (University of Silesia (PL))

Session Classification: BSM studies

Welcome

Contribution ID: 104 Type: not specified

#### Welcome

Monday 23 January 2023 08:45 (5 minutes)

**Presenter:** LESIAK, Tadeusz (Polish Academy of Sciences (PL))

Session Classification: Welcome and Opening

Contribution ID: 105 Type: not specified

#### Welcome and local information

Monday 23 January 2023 08:50 (5 minutes)

Presenter: CHRZASZCZ, Marcin (Polish Academy of Sciences (PL))

Session Classification: Welcome and Opening

Contribution ID: 106 Type: not specified

# Performance of an ALICE ITS3-like vertex detector for FCC-ee (remote) and progress on the IDEA vertex detector implementation in full simulation

Wednesday 25 January 2023 12:40 (18 minutes)

**Presenters:** ILG, Armin (University of Zurich); FREITAG, Leila (University of Zürich)

Session Classification: Joint Detector/Software

Contribution ID: 107 Type: not specified

#### Introduction

Thursday 26 January 2023 13:30 (5 minutes)

**Presenter:** BERNARDI, Gregorio (APC Paris CNRS/IN2P3)

Session Classification: IFNC

6th FCC Physics  $\cdots$  / Report of Contributions

Discussion

Contribution ID: 108 Type: not specified

#### Discussion

Thursday 26 January 2023 14:20 (10 minutes)

Presenter: ALL

Session Classification: IFNC

Contribution ID: 109 Type: not specified

#### **BNL** contributions

Friday 27 January 2023 14:00 (15 minutes)

| Topic   |                    |
|---|--------------------|
| Author's Institute  |                    |
| Author's e-mail   |                    |
| Author's mane   |                    |
| Abstract Title  |                    |
| Presenters: PLEIER, Marc-Andre (Brookhaven National Laboratory (US)); | PLEIER, Marc-Andre |

Session Classification: Highlights and Future Plans

(Brookhaven National Laboratory (US)); PLEIER, Marc-Andre (BNL)

Contribution ID: 110 Type: not specified

# Synergies in top-beauty and a first look at b-tagging with exclusive decays

Friday 27 January 2023 12:00 (18 minutes)

Presenter: ROHRIG, Lars (Technische Universitaet Dortmund (DE))

Session Classification: Electroweak

Close-up

Contribution ID: 111 Type: not specified

### Close-up

Friday 27 January 2023 15:45 (5 minutes)

Presenters: GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin)); JANOT,

Patrick (CERN)

**Session Classification:** Highlights and Future Plans

Contribution ID: 112 Type: not specified

# Goals of the workshop and plans forward

Monday 23 January 2023 08:55 (5 minutes)

| Topic   |
|---|
| Author's Institute  |
| Author's e-mail   |
| Author's mane   |
| Abstract Title  |
| Presenters: GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin)); JANOT Patrick (CERN) |
| Session Classification: Welcome and Opening   |