

7th Forward Physics Facility Meeting

Thursday 29 February 2024 - Friday 1 March 2024

CERN

Book of Abstracts

Contents

Introduction	1
CERN Welcome	1
FPF Physics Opportunities	1
FPF Integration	1
FASER2	1
FASERnu2	1
Advanced SND	1
FORMOSA	2
FLArE	2
Neutrino Rate Predictions for FASER and the FPF	2
Event generators for high energy electron and neutrino DIS	2
Resolving the HL-LHC beam bunch structure with timing at the Forward Physics Facility	2
Neutrino tridents at the LHC	2
Neutrino flux constraints with the low- ν method	3
LHCb potential to discover long-lived new physics particles with lifetimes above 100 ps	3
Phenomenology of axion-like particles with universal fermion couplings - revisited . . .	3
Probing Lepton-Flavor-Violating ALPs with Muons at the Forward Physics Facility and at a Muon Collider	3
Discovering Heavy Neutral Leptons with the Higgs Boson	3
FORESEE: Updates and Expanded Model Library	3
BSM Physics Opportunities with Far-Forward Experiments at a 100 TeV Proton Collider	3
Dark showers from the Z portal	4
New Physics through neutrons at FASER	4

Light scalars from B- and D-meson decays at FASER: model-independent reach and flavored models	4
US DOE/NSF Support Letter	4
Reports from UK, Japan, and other regions regarding organization, funding	4
PBC Report Discussion	4
FASER2 Magnet	5
NuTeV-like detector	5
Nu_e Detector	5
FPF@FCC	5
Forward Charm with IceCube Neutrinos from TeV to PeV	5
Open questions in atmospheric lepton fluxes	5
Discussion	5
Workshop Summary	6
Hadronic Interactions and the Pierre Auger Observatory	6
FPF Civil Engineering (public)	6

14

Introduction

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15

CERN Welcome

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16

FPF Physics Opportunities

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18

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19

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20

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21

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22

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23

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Parallel Session 1 / 24

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Event generators for high energy electron and neutrino DIS

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Neutrino flux constraints with the low- ν method

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LHCb potential to discover long-lived new physics particles with lifetimes above 100 ps

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Phenomenology of axion-like particles with universal fermion couplings - revisited

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Parallel Session 2 - (Coffee will be served in 222/R-001) / 31

Probing Lepton-Flavor-Violating ALPs with Muons at the Forward Physics Facility and at a Muon Collider

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Discovering Heavy Neutral Leptons with the Higgs Boson

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FORESEE: Updates and Expanded Model Library

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Parallel Session 2 - (Coffee will be served in 222/R-001) / 34

BSM Physics Opportunities with Far-Forward Experiments at a 100 TeV Proton Collider

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Dark showers from the Z portal

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Parallel Session 2 - (Coffee will be served in 222/R-001) / 36

New Physics through neutrons at FASER

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Light scalars from B- and D-meson decays at FASER: model-independent reach and flavored models

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38

US DOE/NSF Support Letter

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39

Reports from UK, Japan, and other regions regarding organization, funding

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40

PBC Report Discussion

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41

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42

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43

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44

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45

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46

Open questions in atmospheric lepton fluxes

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47

Discussion

48

Workshop Summary

49

Hadronic Interactions and the Pierre Auger Observatory

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50

FPF Civil Engineering (public)

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