

Session Program

10-12 Nov 2025



Meeting Annuale della Collaborazione DUNE- Italia

Software

INFN - LNF, Auditorium B. Touschek
Via E. Fermi, 54 IT 00044 Frascati (Rome)

Tuesday 11 November

15:15

Software

Session | **Location:** INFN - LNF, Auditorium B. Touschek, Via E. Fermi, 54 IT 00044 Frascati (Rome) | **Conveners:** Mr Matteo Tenti, Alice Campani

15:15–15:20

Introduction on the status of the activities

Speaker

Alice Campani

15:20–15:30

DAQ: status and plans

Speaker

Dr Nicolò Tosi

15:30–16:10

SAND calibration studies

Speakers

Antonio Surdo, Paolo Gauzzi, Riccardo D'Amico

Subcontributions

Introduction to calibration activities

Speaker

Paolo Gauzzi

ECAL calibration in SAND

Speaker

Riccardo D'Amico

GRAIN calibration in SAND

Speaker

Antonio Surdo

16:25–16:40

Coffee Break

16:40–17:10

GRAIN simulation and reconstruction

Speakers

Paolo Bernardini, Silvia Repetto, Valentina Cicero

Subcontributions

Track and vertex reconstruction with lenses in GRAIN

Speaker

Silvia Repetto

Simulation and reconstruction with lenses in GRAIN

Speaker

Paolo Bernardini

Simulation and reconstruction with coded aperture masks**Speaker**

Valentina Cicero

17:10–17:25

ECAL simulation and reconstruction: status and next steps**Speakers**

Alice Campani, Denise Casazza

17:25–17:40

Tracker simulation and reconstruction**Speakers**

Giulia Lupi, Valerio Pia

17:45–18:00

Status of the micro framework development (infrastructure, CI and fast reconstruction)**Speakers**

Dr Nicolò Tosi, Valentina Cicero

18:05–18:20

Status of code integration and next steps**Speaker**

Giacomo Santoni

20:05

Wednesday 12 November

09:00

Software: SAND Physics

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09:00–09:15 **Heavy neutral lepton search: status and next steps**

Speaker

Alessandro Ruggeri

09:15–09:30 **Beam monitoring**

Speakers

Federico Battisti, Gabriele Sirri

09:30–09:45 **Solid hydrogen analysis**

Speaker

Camilla Roselli

10:00