

Editorial Board report

Aafke Kraan, Adele Lauria, Giacomo Traini

FOOT general meeting, Cherasco 18th December 2024



Papers 2024



G. Galati	Charge identification of fragments produced in ^{16}O beam interactions at 200 MeV/n and 400 MeV/n on C and C_2H_4 targets	Research paper	Frontiers in Physics
Y. Dong	The FLUKA Monte Carlo Simulation of the magnetic spectrometer of the FOOT experiment	Research paper	CPC
V. Boccia	Charge measurement with nuclear emulsions spectrometers for hadron therapy fragmentation cross section measurements with the FOOT experiment	Proceeding Pisa meeting	NIM-A
R. Zarrella	Measurement of nuclear fragmentation cross sections with the FOOT experiment	Proceeding IPRD23	JINST
P. Cerello	Development and Performance Assessment of the Calorimeter Module for the FOOT experiment	Research paper	JINST
A. Valletti	Energy response function and calibration of the FOOT calorimeter	Proceeding TIPP23	Proceeding of Science
A. Valletti	Equalizing the response of the FOOT calorimeter as a function of the ion	Proceeding CALOR2024	EPJ Web of Conferences
R. Ridolfi	Cross section GSI 2021 electronic setup	Research paper	Phys Rev C
I. Mattei	Cross Section Measurements for Large Angle Fragments Production in the Interaction of Carbon with Thin Targets	Research paper	Phys Rev C
F. Peverini	A new photon calibration method for silicon microstrip sensors	Research paper	JINST o NIMA
V. Boccia	^{16}O ions at 200 MeV nuclear reaction cross-section on carbon and polyethylene targets measured by a nuclear emulsion detector	Research paper	Phis Rev C

~45% detector performance

~ 55% analysis



Published



Minor revision by referees



Forthcoming publication



Revised by EB



Draft

18/12/024

FOOT general meeting - Cherasco 2024

Conferences 2024



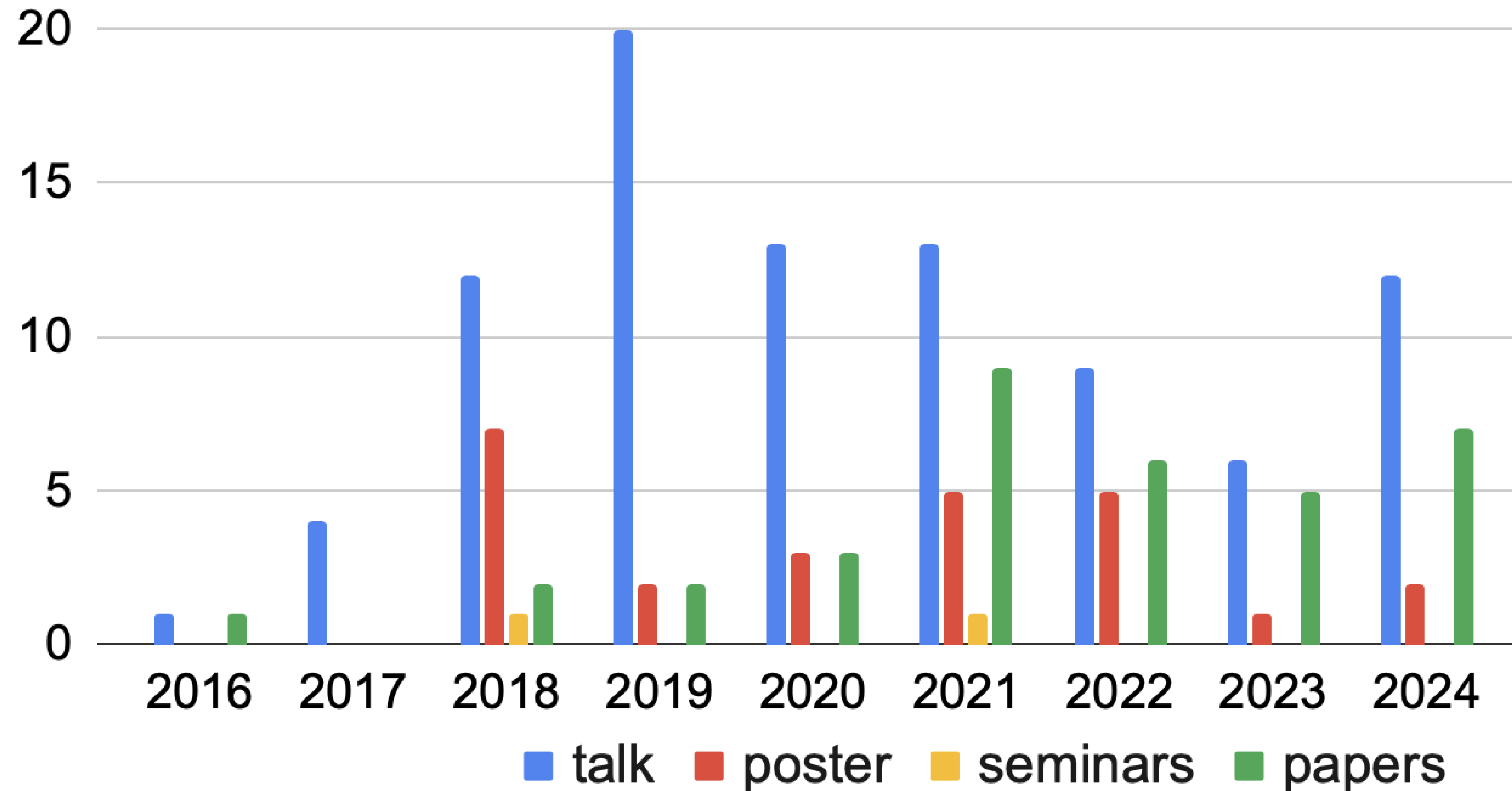
60th International Winter Meeting on Nuclear Physics	Bormio	Silvia Muraro	Status of the FOOT experiment: the measurement of fragmentation of light ions in the 200-700 MeV/u energy range
PTCOG61	Singapore	Vincenzo Boccia	Study of hadron beam fragmentation with the foot experiment
Sesto Incontro Nazionale di Fisica Nucleare	Trento	Yun Dong	Nuclear fragmentation cross section measurements: the FOOT experiment
International Conference on Calorimetry in Particle Physics CALOR2024	Tsukuba (J)	Alessandro Valetti	Equalizing the response of the FOOT calorimeter as a function of the ion
16th Pisa Meeting on Advanced Detectors in La Biodola	Isola d'Elba	Vincenzo Boccia	Charge measurement with nuclear emulsions spectrometers for hadron therapy fragmentation cross section measurements with the FOOT experiment
16th Pisa Meeting on Advanced Detectors in La Biodola	Isola d'Elba	Vincenzo Boccia	New global reconstruction for charged particles with the FOOT experiment
XX th International Conference on the use of Computers in Radiation therapy (ICCR)	Lyon	Chris Finck	New global reconstruction for charged particles with the FOOT experiment
European Physical Society Form	Berlino	Vincenzo Boccia	Improving Particle Therapy with the FOOT experiment
SIF	Bologna	Mauro Villa (invited talk)	The FragmentatiOn Of Target experiment: current status and near future
		Matilde Dondi	Elemental and angular fragmentation cross-section measurements with the FOOT experiment
		Benedetto Spadavecchia	The Calibration of the FOOT calorimeter
5th Jagiellonian Symposium on Advances in Particle Physics and Medicine (JS:2024)	Cracovia (Polonia)	Ilaria Mattei	Measurement of ^{12}C Fragmenta0on Cross Sec0ons on C, O and H in the Energy Range of interest for Par0cle Therapy Applica0ons.
ANP 2024	Thessaloniki, Greece	Roberto Zarrella	Nuclear Fragmentation Reactions at the FOOT Experiment / Characterization of Nuclear Fragmentation Reactions for Nuclear Physics Applications: the FOOT Experiment
XSCRC workshop	CERN	Marie Vanstalle (invited talk)	XS for hadron therapy and space studies with the FOOT project

18/12/2024

FOOT general meeting - Cherasco 2024

Oral
 Poster

Summary



A first look at 2025



What	Where	When	Deadline for abstract	Web site	Canditate
DeSyT-2025 (International workshop on Detection Systems)	Catania	2-8 February	15/12/2024	https://agenda.infn.it/event/43919/overview	G. Ubaldi
16th Nuclear Data for Science and Technology Conference (ND2025)	Madrid	22-27 June	27/11/2024	https://nd2025madrid.com/welcome/	R. Ridolfi, R. Zarrella
High Energy Particle and Nuclear Physics in the LHC Era (HEPNP2025)	Cile	6-10 January	30/11/2024	https://indico.cern.ch/event/1394087/overview	I. Mattei
PTCOG63	Buenos Aires	2-7 giugno	18/12/24	https://ptcog63.org/	I. Mattei, A. Lauria
The sixth European Nuclear Physics Conference (EuNPC2025)	Caen, France	22-26 September	31/3/2025	https://indico.in2p3.fr/event/30430/abstracts/	
IWORID 2025	Bratislava, Slovakia	6-10 Luglio	Not yet	https://indico.cern.ch/event/1428808/	
2025 IEEE Nuclear Science Symposium (NSS, Medical Imaging Conference)	Japan	1-8 November	Not yet	?	



THANKS!

A first look at 2024



What	Where	When	Deadline for abstract		Candidate
60th International Winter Meeting on Nuclear Physics 22-26.01.2024 (Bormio)	Bormio	22-26/01/2024	5/11/2023	https://indico.mitp.uni-mainz.de/event/380/	Silvia
16th Pisa Meeting on Advanced Detectors in La Biodola, Isola d'Elba (Italy), CALOR2024	Isola d'Elba	26/5-1/6 2024	24/1/2023	www.pi.infn.it/pm	Giuliana, Vincenzo
Sesto Incontro Nazionale di Fisica Nucleare	Trento	26-28/02/2024	5/12/2023	https://agenda.infn.it/e/infn2024	Yun
14th International Conference on Nucleus Nucleus Collisions (NN2024)	Whistler, British Columbia, Canada	18-23\8	31/12/2023	https://nn2024.triumf.ca/	
XX th International Conference on the use of Computers in Radiation therapy (ICCR)	Lyon, France	8-11\7\2024	31/1/2024	https://www.iccr2024.org/index.html	
International Conference on Calorimetry in Particle Physics	Tsukuba, Japan	20-24/5/2024	boh	https://indico.cern.ch/event/1339557/	
12th edition of the Beam Telescopes and Test Beams Workshop (BTTB12)	Edinburgh, Scotland	15-19/4/2024	14\1\2024	https://indico.cern.ch/event/1323113/abstracts/	

Summary

