

Editorial Board Report

Marie Vanstalle (chair) \Rightarrow leaving on June 2023

Adele Lauria

Aafke Kraan \Rightarrow new chair!

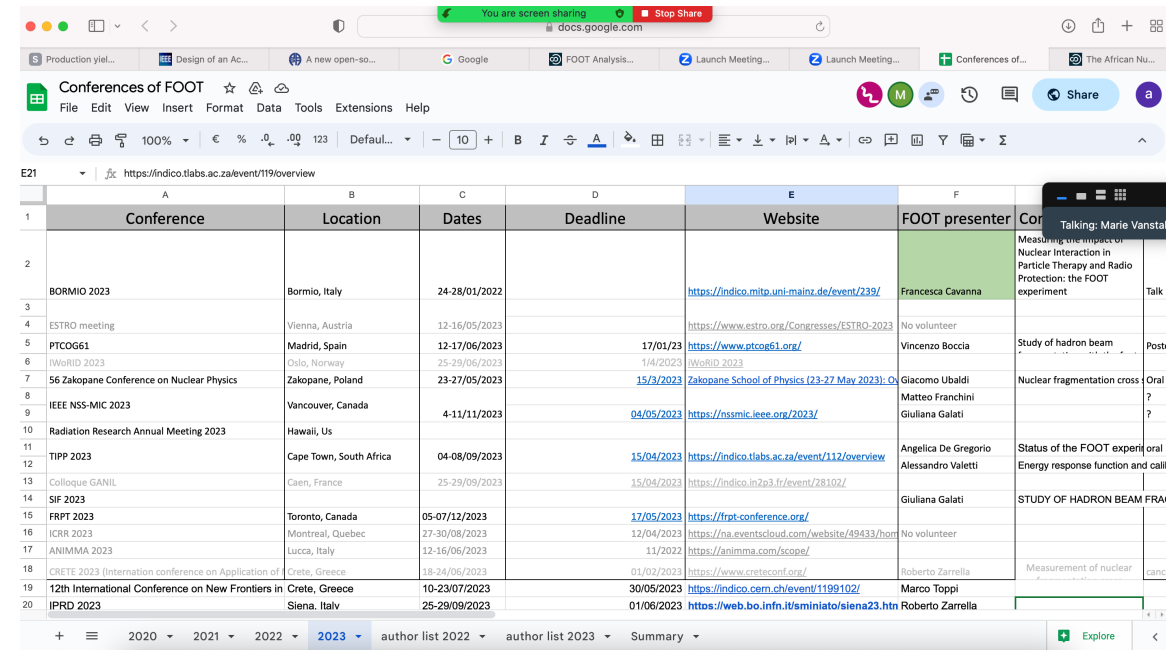


Outline

- EB Meetings and internal working
- Papers
 - Published
 - Submitted
 - Started
- Authorship
- Conferences
 - Talks and posters given
- Forthcoming conferences

EB Meetings and internal working

- Meetings every 4 weeks continue...
- Repository of relevant information on Google docs
- Work management on google drive
- Effective work sharing:
 - Papers/proceedings are reviewed by all EB members
 - Conference searches by all
 - Conference advertisements is done by all EB members
 - Every EB member is involved in abstract evaluation:
 - Follow the candidate speakers or poster presenters in all phases
 - Abstract submission/presentation/proceeding writing and submission



Conference	Location	Dates	Deadline	Website	FOOT presenter
BORMIO 2023	Bormio, Italy	24-28/01/2022		https://indico.milp.uni-mainz.de/event/239/	Francesca Cavanna
ESTRO meeting	Vienna, Austria	12-16/05/2023		https://www.estro.org/Congresses/ESTRO-2023	No volunteer
PTCOG61	Madrid, Spain	12-17/06/2023	17/01/23	https://www.ptcog61.org/	Vincenzo Boccia
WORLD 2023	Oslo, Norway	25-29/06/2023	1/8/2023	https://world2023.org/	
56 Zakopane Conference on Nuclear Physics	Zakopane, Poland	23-27/05/2023	15/3/2023	Zakopane School of Physics (23-27 May 2023): Co	Giacomo Ubaldi
IEEE NSS-MIC 2023	Vancouver, Canada	4-11/11/2023	04/05/2023	https://nssmic.ieee.org/2023/	Matteo Franchini Giuliana Galati
Radiation Research Annual Meeting 2023	Hawaii, Us				
TIPP 2023	Cape Town, South Africa	04-08/09/2023	15/04/2023	https://indico.tlabs.ac.za/event/112/overview	Angelica De Gregorio Alessandro Valetti
Colloque GANIL	Caen, France	25-29/09/2023	15/04/2023	https://indico.in2p3.fr/event/28102/	Giuliana Galati
SIF 2023					
FRPT 2023	Toronto, Canada	05-07/12/2023	17/05/2023	https://frpt-conference.org/	
ICRR 2023	Montreal, Quebec	27-30/08/2023	12/04/2023	https://na.eventscloud.com/website/49433/home	No volunteer
ANIMMA 2023	Lucca, Italy	12-16/06/2023	11/2022	https://animma.com/scope/	
CRETE 2023 (International conference on Application of	Crete, Greece	18-24/06/2023	01/03/2023	https://www.cretconf.org/	Roberto Zarrella
12th International Conference on New Frontiers in	Crete, Greece	10-23/07/2023	30/05/2023	https://indico.cern.ch/event/1199102/	Marco Toppi
IPRD 2023	Siena, Italy	25-29/09/2023	01/06/2023	https://web.bo.infn.it/sminatiato/siena23.htm	Roberto Zarrella



Papers – published in 2022

1. M. Toppi, et al, *Elemental fragmentation cross sections for a ^{16}O beam of 400 MeV/u kinetic energy interacting with a graphite target using the FOOT ΔE -TOF detectors*, Front. Phys., 2 November 2022, Sec. Medical Physics and Imaging, Research Topic: Breakthrough in Particle Therapy: At the Edge of Physics, Biology and Medicine, See <https://doi.org/10.3389/fphy.2022.979229>
2. G. Silvestre et al, *Characterization of 150 micrometer thick silicon microstrip prototype for the FOOT experiment*, accepted in JINST 2022
https://jinst.sissa.it/jinst/author/docPage.jsp?docPgType=work&docId=JINST_070P_0922

Proceedings published:

1. K. Kanxheri^{6,1} et al, *The Microstrip Silicon Detector (MSD) data acquisition system architecture for the FOOT experiment 2022*, Journal of Instrumentation, Volume 17, March 2022 DOI 10.1088/1748-0221/17/03/C03035 (Topical Workshop on Electronics for Particle Physics 2021, 20–24 September, 2021)
2. L. Galli, et al, *The fragmentation trigger of the FOOT experiment*, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 1046, 2023, 167757. 15th Pisa Meeting on Advanced Detectors, Elba, 2022,
<https://doi.org/10.1016/j.nima.2022.167757>
3. A.C. Kraan et al, *Calibration and performance assessment of the TOF-Wall detector of the FOOT experiment*, NIMA:, Volume 1045, 2023, 167615, 15th Pisa Meeting on Advanced Detectors, Elba, 2022, <https://www.sciencedirect.com/science/article/abs/pii/S016890022200907X>
4. A. De Gregorio, *Measurements of the ^{16}O cross section on a C target with the FOOT apparatus*, Nuovo Cim.C 45 (2022) 6, 194, Contribution to: [SIF 2021](#), 194

Papers – published in 2023

Proceedings:

1. R. Zarrella, *Nuclear fragmentation cross section measurements with the FOOT experiment*, EPJ Web of Conferences 284, 10001 (2023)
2. Gianluigi_Silvestre , *Characterization of the Microstrip Silicon Detector for the FragmentatiOn Of Target experiment*, Nuclear Instruments and Methods in Physics Research Section A: Volume 1047, February 2023, 167717 <https://www.sciencedirect.com/science/article/pii/S0168900222010099>
3. Riccardo Ridolfi, *Nuclear fragmentation cross section measurements with the FOOT experiment*, proceeding from EuNPC conference in 2022, publication to come.
4. Giacomo Ubaldi, *The FOOT experiment: a first measurement for nuclear fragmentation cross section for hadrontherapy*, proceeding from SIF 2022, publication to come.

No papers yet

Papers in the writing stage

- 1 *FOOT for the Moon, Mars and beyond: current status and first cross section measurements for space radioprotection* , to be decided ??
- 2 *Charge identification of fragments produced by interaction of 16-O beam at 200 and 400 MeV/u on C and C₂H₄ target* , emulsion group, to be submitted to frontiers
 - First iteration with EB
- 3 *Calorimeter performance* (Torino group): to come
- 4 *A new photon calibration method for silicon microstrip sensors* (Perugia group)
 - Draft sent to EB. Comments to be sent soon.
- 5 *Construction and commissioning of the MicroStrip Detector for the FOOT experiment* (Perugia group), no news

Authorsheep 2022

G. Galati¹ **V. Boccia**^{2,3} **A. Alexandrov**³ **B. Alpat**⁴ **G. Ambrosi**⁴ **S. Argirò**^{5,6}
M. Barbanera⁴ **N. Bartosik**⁶ **G. Battistoni**⁷ **M. G. Bisogni**^{8,9} **G. Bruni**¹⁰
F. Cavanna⁶ **P. Cerello**⁶ **E. Ciarrocchi**^{8,9} **S. Colombi**^{10,11} **A. De Gregorio**^{12,13}
G. De Lellis^{2,3} **M. De Simoni**¹² **A. Di Crescenzo**^{2,3} **B. Di Ruzza**¹⁴ **M. Donetti**^{15,6}
Y. Dong⁷ **M. Durante**^{2,3} **R. Faccini**^{12,13} **V. Ferrero**⁶ **C. Finck**¹⁶ **E. Fiorina**⁶
M. Francesconi^{8,9} **M. Franchini**^{11,10} **G. Franciosini**^{12,13} **L. Galli**⁹ **E. Iarocci**¹⁷
M. Ionica⁴ **A. Iuliano**^{2,3} **K. Kanxheri**⁴ **A. C. Kraan**⁹ **C. La Tessa**^{18,19} **A. Lauria**^{2,3}
E. Lopez Torres^{20,6} **M. Magi**^{21,12} **A. Manna**^{10,11} **M. Marafini**^{22,12} **M. Massa**⁹
C. Massimi¹⁰ **I. Mattei**⁷ **A. Mengarelli**¹⁰ **A. Mereghetti**¹⁵ **T. Minniti**^{23,24}
A. Moggi⁹ **M. C. Montesi**^{25,3} **M. C. Morone**^{23,24} **M. Morrocchi**^{8,9} **S. Muraro**⁷
A. Pastore²⁶ **N. Pastrone**⁶ **V. Patera**^{21,12} **F. Peverini**^{4,27} **F. Pennazio**⁶
P. Placidi^{4,28} **M. Pullia**¹⁵ **L. Ramello**^{5,29} **C. Reidel**³¹ **R. Ridolfi**^{10,11} **L. Salvi**^{4,28}
C. Sanelli¹⁷ **A. Sarti**^{21,12} **O. Sato**³¹ **S. Savazzi**¹⁵ **L. Scavarda**³² **A. Schiavi**^{21,12}
C. Schuy³⁰ **E. Scifoni**¹⁸ **A. Sciubba**^{17,21} **L. Servoli**⁴ **G. Silvestre**^{4,28} **M. Sitta**^{29,6}
A. Sood¹⁶ **R. Spighi**¹⁰ **E. Spiriti**¹⁷ **V. Tioukov**³ **S. Tomassini**¹⁷
F. Tommasino^{18,19} **M. Toppi**^{21,12} **G. Traini**¹² **A. Trigilio**^{12,13} **G. Ubaldi**^{11,10}
A. Valetti^{5,6} **M. Vanstalle**¹⁶ **M. Villa**^{11,10} **U. Weber**³⁰ **R. Zarrella**^{11,10}
A. Zoccoli^{11,10}

- You can check the author list following this link:

<https://docs.google.com/spreadsheets/d/1hz6iehpM9J3pMT2MoRzoE-i1DqQELEp67q8Aor4Ramw/edit#gid=1528807790>

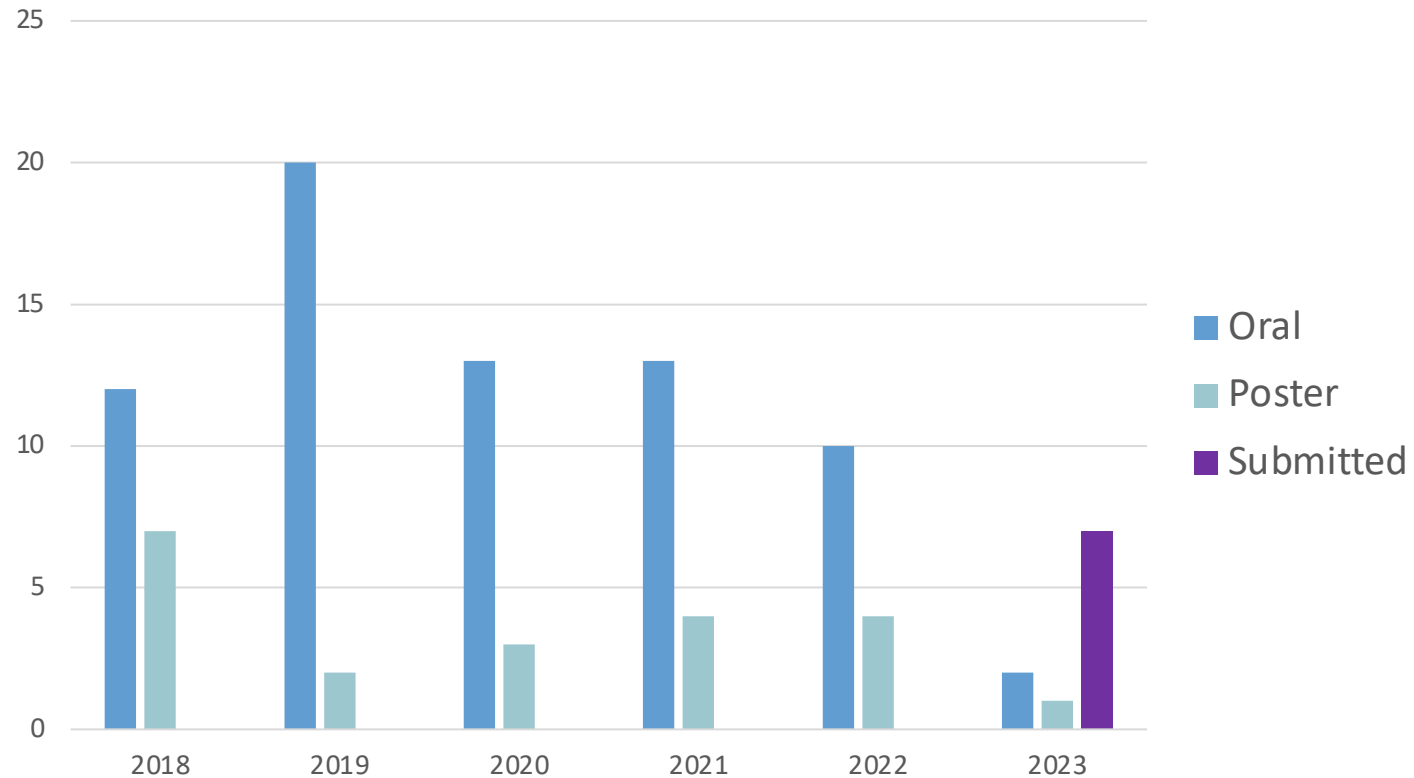
- You can contact us for latex file, available on overleaf
- We reduced the herd of authors from 106 down to 93 😊



Conferences

Nice presence in conferences!

FOOT conferences contributions



2018

☐ Talks: 12

☐ Posters: 7

2019

☐ Talks: 20

☐ Posters: 2

2020

☐ Talks: 13

☐ Posters: 3

2021

☐ Talks: 11

☐ Posters: 3

2022

☐ Talks: 9

☐ Posters: 6

2023

☐ Talks: 2

☐ Posters: 1

☐ Submitted contributions: 7


Forthcoming conferences

- PTCOG61: [poster](#) Vincenzo Boccia
- IWoRID 2023: no volunteers
- 56 Zakopane Conference on Nuclear Physics: Giacomo Ulbaldi: **talk**
- IEEE NSS-MIC 2023: Matteo Franchini and Giuliana Galati: submitted
- Radiation Research Annual Meeting 2023: no volunteers
- TIPP 2023: Angelica Di Gregorio and Alessandro Valetti: **both talks**
- Colloque GANIL: no volunteers
- SIF 2023: Giuliana Galati: **invited talk**
- FRPT 2023: no volunteers (Toronto, Canada)
- ICRR 2023: no volunteers (Montreal, Canada)
- ANIMMA 2023: no volunteers (Lucca, Pisa)
- CRETE 2023 (International conference on Application of Nuclear Techniques): Roberto Zarella but too expensive
- 12th International Conference on New Frontiers in Physics (ICFNP): Marco Toppi, waiting
- IPRD 2023 Siena, Italy, Roberto Zarrella, abstract submitted
- **ANPC 2023: no volunteer, abstract submission opened since yesterday (thank you Piergiorgio ;-))**



Last but not least: the FOOT website

Contact:

 **Matteo Franchini**
webmaster & footer
<http://schiccioinside.wixsite.com/matteo-knives>

Your name (required)

Your email (required)

Versione italiana

NEWS

5 June 2019 - VI FOOT Collaboration Meeting - CNAO (Pavia)

3 December 2018 - V FOOT Collaboration Meeting in Borgomale (Langhe, CN)

HOME DETECTOR COLLABORATION FOOTERS' MATERIAL DOCS & LINKS MEDI **CONTACTS** LOGIN

If you want papers (or proceedings) to appear on the website, please contact Matteo!

Summary

- Papers, presentations and proceedings have been produced
- New data will give us new opportunities for **papers** and **presentations** at conferences.

**From the Editorial board, thank you
for your help and collaboration!**