



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6324

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di ___Department of Physics Aldo Pontremoli**

Scientist- in - charge: **___Prof. D'Angelo**

Zoe Balmforth

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Balmforth
Name	Zoe

PRESENT OCCUPATION

Appointment	Structure
September 2019	Post-graduate (PhD) student at Royal Holloway, University of London

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Physics	Durham, UK	June 2017
Specialization			
PhD	Particle Physics	Royal Holloway, UK	March 2024
Master	Physics	Durham, UK	June 2018
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	Native language
Italian	Basic conversational

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

TRAINING OR RESEARCH ACTIVITY

London High Energy Physics postgraduate lecture series: a 3 month series of lectures, with final exams, extensively covering the Standard Model of Particle Physics and statistical data analysis.
Alan Turing Institute Artificial Intelligence Conference 2022
Institute of Physics HEPP & APP annual conference 2023 & 2022

PROJECT ACTIVITY

Year	Project
2019 - 2024	DarkSide-20k

PATENTS

Patent



CONGRESSES AND SEMINARS

Date	Title	Place
April 2022	Qualification of Photo Detector Units for the DarkSide-20k experiment in the Napoli Test Facility.	National Institute of Physics High Energy & Astro Particle Physics annual conference 2022

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
A large facility for photosensors test at cryogenic temperature. DarkSide Collaboration • Z. Balmforth (Royal Holloway, U. of London and Naples U. and INFN, Naples) et al. e-Print: 2212.02296 [physics.ins-det] DOI: 10.1088/1748-0221/18/03/C03024 Published in: JINST 18 (2023) 03, C03024
X-Arapuca long term test V. Andreossi (Campinas State U., IMECC), Z. Balmforth (Royal Holloway, U. of London and Naples U. and INFN, Naples), A.A. Bergamini Machado (Campinas State U., IMECC and INFN, Naples), G. Botogoske (Campinas State U., IMECC), N. Canci (INFN, Naples) et al. e-Print: 2301.00420 [physics.ins-det]

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.



Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: London, UK, 06/02/2024