

Short Bio

I am a theoretical high energy physicist, with 5+ years of active research experience after PhD completion.

I work as Principal Investigator at the Ludwig-Maximilians-Universität. I pursue an independent line of research focused on the dynamical stability of (quantum) field theories. This 3-year position is endowed with the Vera Rubin Fellowship.

Previously, as Postdoc at the Max-Planck Institut für Physik, I was the lead postulator of a vast class of non-linear electrodynamics theories. This work merited a bonus from the Max-Planck Society.

In my PhD at McGill, I worked on the unification of the two string theoretical models where knot invariants can be computed. Fully independently, I provided the first explicit inclusion of knots into a string theoretical setup. My said contributions were yearly recognized by the university with the Grad Excellence Award in Physics.

I did my MSc at the Kungliga Tekniska Högskolan. In an exchange to the Indian Institute of Science, I proposed the first explanation for the subleading term used to describe proton-proton cross-sections at high energies.

My career is characterized by the broad scope of my investigations and my high international mobility. Besides, I am a regular contributor to scientific divulgation and the fostering of gender equity, including a TED talk.

Academic Appointments

Tenure-track Assistant Professor **Starting 09.2024**
CUNEF UNIVERSIDAD, Madrid, **Spain**

Principal Investigator **11.2021 – Present**
LUDWIG-MAXIMILIANS-UNIVERSITÄT (LMU) & EXCELLENCE CLUSTER ORIGINS, Munich, **Germany**

Postdoctoral Researcher **08.2018 – 09.2021**
MAX-PLANCK INSTITUT FÜR PHYSIK (MPP), Munich, **Germany**

RESEARCH GROUP	ADVISOR	DATES
String Theory	Dieter Lüst	04.2020 – 09.2021
Gravitational Theory	Angnis Schmidt-May	08.2018 – 03.2020

Education

PhD in Physics **01.2014 – 05.2018**
MCGILL UNIVERSITY, Montreal, **Canada**

GPA: 4/4 SUPERVISOR: Keshav Dasgupta DATE OF DEFENCE: 19.03.2018
 THESIS TITLE: From M-Theory to Knot Theory via Topological Field Theory

Exchange: INDIAN INSTITUTE OF SCIENCE (IISc), Bangalore, **India** **09.2014 – 12.2015**

MSc in Physics **08.2011 – 09.2013**
KUNGLIGA TEKNISKA HÖGSKOLAN (KTH), Stockholm, **Sweden**

GPA: 3.81/4 SUPERVISOR: Edwin Langman DATE OF DEFENCE: 10.09.2013
 THESIS TITLE: Improvements to Froissart bound from AdS/CFT correspondence

Exchange: INDIAN INSTITUTE OF SCIENCE (IISc), Bangalore, **India** **01 – 09.2013**

BSc in Physics

09.2008 – 06.2012

UNIVERSIDAD COMPLUTENSE DE MADRID (UCM), Madrid, **Spain****Exchange:** KUNGLIGA TEKNISKA HÖGSKOLAN (KTH), Stockholm, **Sweden** 08.2011 – 06.2012

Research Visits

UNIVERSITY OF TOKYO, Tokyo, Japan Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU)	03.2024 – Present 8 weeks
UNIVERSITY OF KYOTO, Kyoto, Japan Yukawa Institute for Theoretical Physics (YITP)	03.2024 0.5 weeks
UNIVERSIDAD DE SALAMANCA (USAL), Salamanca, Spain Gravitation & Cosmology (GRACUS) research group	02.2024 1.5 weeks
CUNEF UNIVERSIDAD, Madrid, Spain Department of Quantitative Methods	11.2023 – 02.2024 2 + 5 weeks
UNIVERSIDAD INDUSTRIAL DE SANTANDER (UIS), Bucaramanga, Colombia Relativity & Gravitation research group	10.2023 2 weeks
UNIVERSIDAD VERACRUZANA (UV), Xalapa, Mexico Geometry & Gravitation research group	09.2023 4 weeks
INDIAN INSTITUTE OF SCIENCE (IISc), Bangalore, India Centre for High Energy Physics	08.2012 – 12.2013 3 + 8 weeks

Teaching

Co-supervisor

SUPERVISEE	SUPERVISOR	INSTITUTION	LEVEL	DATES
Georgina Staudt	Dieter Lüst	MPP Munich	PhD	06.2023 – Present
Gabriele Pierini	Marina K. Marinkovic	ETH Zürich	MSc	09.2022 – 04.2023
Marvin Lüben	Dieter Lüst, Jochen Weller	LMU Munich	PhD	10.2019 – 06.2021
Markus Maier	Jochen Weller	LMU Munich	MSc	05.2019 – 03.2020
Brage Gording	Dieter Lüst	LMU Munich	PhD	08.2018 – 05.2019

Lecturer

COURSE	INSTITUTION	LEVEL	CREDITS	HOURS	DATES
17047 Physics of Energy	LMU Munich	BSc	3 ETCs	22h	04 – 07.2023
IA-I Data-driven decision-making	UEM Madrid	MSc	3 ETCs	15h	03 – 05.2022

Teaching AssistantMCGILL UNIVERSITY, Montreal, **Canada**

COURSE	LEVEL	HOURS	DATES
Phys-562 Electromagnetic Theory	Honors BSc	90h	01 – 04.2017
Phys-551 Quantum Theory	BSc	90h	09 – 12.2016
Phys-742 Introduction to the Standard Model	PhD	90h	01 – 04.2016
Phys-142 Electromagnetism and Optics	BSc	90h	01 – 04.2014

InstructorMIGUEL DE UNAMUNO HIGH SCHOOL, Vitoria-Gasteiz, **Spain**

SUBJECT	REMARKS	DATES
All subjects at high school level	Responsible for the library	01 – 05.2008
Spanish Grammar and Literature	Students with special needs	05 – 06.2007

Awards and Honors

Vera Rubin Fellowship EXCELLENCE CLUSTER ORIGINS, Munich, Germany 15,000 EUR personal budget	11.2021 – Present
Scientific Host EXCELLENCE CLUSTER ORIGINS, Garching, Germany 7,448 EUR to support the 2-week visit of 4 international researchers; obtained in 2 competitions	04.2023 – 03.2024
Profesora Contratada Doctora SPANISH NATIONAL AGENCY OF ACADEMIC CERTIFICATION (ANECA), Spain Qualification equivalent to Associate Professor	10.2023
Tenure-track Assistant Professorship UNIVERSITY OF THE VIRGIN ISLANDS (UVI), St. Thomas, USA 65,000 USD per year <i>Rejected in favor of an extension at the LMU</i>	05.2023
T. D. Lee Postdoctoral Fellowship TSUNG-DAO LEE INSTITUTE, Shanghai, China (2+1)-year appointment as independent postdoc; 100K RMB research travel grant <i>Rejected in favor of an extension at the MPP</i>	01.2020
Bonus MAX-PLANCK SOCIETY, Munich, Germany 2,500 EUR in recognition of “outstanding performance” in research	10.2019
Grad Excellence Award in Physics MCGILL UNIVERSITY, Montreal, Canada 29,830 CAD; award obtained 4 consecutive times	01.2014 – 03.2018
Universe Prize YOUNG RESEARCHERS INTEGRABILITY SCHOOL & WORKSHOP (YRISW), Ascona, Switzerland 500 CHF for poster presentation	01.2018
Erasmus Scholarship UNIVERSIDAD COMPLUTENSE DE MADRID (UCM), Madrid, Spain 2,321 EUR to support a one-year exchange to KTH	08.2011 – 06.2012
Distinction UNIVERSIDAD COMPLUTENSE DE MADRID (UCM), Madrid, Spain Fee and transport for Escorial Summer School, in recognition of academic excellence	06.2010

Service

Referee

15 REVIEWS FOR 7 JOURNALS: Annalen der Physik (5); European Physical Journal Plus (4); Fortschritte der Physik (2); General Relativity and Gravitation (1); Indian Journal of Physics (1); Nuclear Physics Section B (1); Proceedings of the Indian Association for the Cultivation of Science A (1)

Organizer

3 conferences

TITLE	BUDGET	WEBPAGE	DATES
The Fundamentals	19,500 EUR	Fundamentals	09.2024
Gravity and black holes, moving beyond paradigm	400 EUR	Indico 7271	04.2023
Gender equity in academia, a first-aid kit	3,000 EUR	Indico 7079	09.2022

The latter merited a review article: [LMU-Newsroom](#)

2 video projects

INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE

INSTITUTION	VIDEO	DATES
Excellence Cluster ORIGINS	Youtube	02.2022
Max-Planck Institut für Physik	LinkedIn	02.2021

The former received 1,000 EUR funding

1 special seminar

04.2021

MAX-PLANCK INSTITUT FÜR PHYSIK (MPP), Munich, **Germany**

TOPIC: Unconscious bias in academia SLIDES: [PDF](#)

3 university clubs

SAN JUAN EVANGELISTA STUDENT RESIDENCE, Madrid, **Spain**

Debate & Philosophy (09.2009 – 06.2011); English (09.2009 – 06.2011); Dance (09.2010 – 06.2011)

Advisor

POSTER EXHIBITION AND CAREER TALKS: Women in STEM WEBPAGE: [Indico 7312](#) DATES: 05.2023

Volunteer

NGO	ROLE	PLACE	DATES
SVIT-Ukraine	Environmental Safety Advisor	Kharkiv, Ukraine	09.2010
Chantiers Jeunesse	Human Rights Promoter	Longue-Rive, Canada	07.2009
Worldwide friends	Environmental Advocate	Eskifjörður, Iceland	07.2008

Language skills

SPANISH	Native speaker
ENGLISH	C2 level, Cambridge English: Proficiency (CPE)
BASQUE	C2 level, Euskararen Gaitasun Agiria (EGA)

Learnt but forgotten:

SWEDISH (C1 level); BENGALI (Basic written and oral skills); FRENCH (Basic oral skills)

Hobbies

CONTEMPORARY DANCE: 10+2 years training, Traspasos+El Horno Dance Schools

OIL PAINTING: 8 years training, Artebidea Drawing School

TRAVELLING: 35 countries visited

I have authored 12 scientific articles. Among these, 9/12 lead authored by me, including 2/12 single authored works. In total, 10/12 of my papers are independent of my PhD/MSc supervisors.

Subsequently, authors are listed in alphabetical order by convention of the field. For this reason, my personal contribution is briefly accounted for, when pertinent. The corresponding author is marked with an asterisk.

- 1. V. Errasti Díez**, M. Maier and J. A. Méndez-Zavaleta*
Constraint characterization and degree of freedom counting in Lagrangian field theory
ARXIV: [2310.12218 \[hep-th\]](#)
PUBLISHED IN: Phys. Rev. D 109, 025010 (2024) DOI: [10.1103/PhysRevD.109.025010](#)
PERSONAL CONTRIBUTION: Lead developer of the functional independence ensuring algorithm, lead calculations poser and executioner, lead contextualizer of results; writing author; **lead author**
- 2. V. Errasti Díez***
(Extended) Proca-Nuevo under the two-dimensional loupe
ARXIV: [2212.02549 \[hep-th\]](#)
- 3. V. Errasti Díez*** and M. K. Marinkovic
Symplectic quantization of multi-field Generalized Proca electrodynamics
ARXIV: [2112.11477 \[hep-th\]](#)
PUBLISHED IN: Phys. Rev. D 105, 105022 (2022) DOI: [10.1103/PhysRevD.105.105022](#)
PERSONAL CONTRIBUTION: Proposer of the symplectic quantization approach, lead calculations poser and executioner, lead contextualizer of results; writing author; **lead author**
- 4. V. Errasti Díez***, M. Maier, J. A. Méndez-Zavaleta and M. T. Tehrani
A Lagrangian constraint analysis of first order classical field theories with an application to gravity
ARXIV: [2007.11020 \[hep-th\]](#)
PUBLISHED IN: Phys. Rev. D 102, 065015 (2020) DOI: [10.1103/PhysRevD.102.065015](#)
PERSONAL CONTRIBUTION: Lead developer of the on-shell constraint algorithm, lead calculations poser and executioner, lead contextualizer of results; writing author; **lead author**
- 5. V. Errasti Díez**, M. Pandey* and S. Vaidya
Born-Oppenheimer Quantization of the Matrix Model for $\mathcal{N} = 1$ super-Yang-Mills
ARXIV: [2001.10524 \[hep-th\]](#)
PUBLISHED IN: Phys. Rev. D 102, no.7, 074024 (2020) DOI: [10.1103/PhysRevD.102.074024](#)
PERSONAL CONTRIBUTION: Lead developer of the supersymmetrization procedure, lead validator of the fermionic spectrum calculations, lead contextualizer of results; writing author; second author
- 6. V. Errasti Díez***, B. Gording, J. A. Méndez-Zavaleta and A. Schmidt-May
Maxwell-Proca theory: definition and construction
ARXIV: [1905.06968 \[hep-th\]](#)
PUBLISHED IN: Phys. Rev. D 101, no. 4, 045009 (2020) DOI: [10.1103/PhysRevD.101.045009](#)
PERSONAL CONTRIBUTION: Lead identifier and overcomer of the short-comings of Generalized Proca, lead postulator of the theory building principle for Maxwell-Proca, lead poser of axiomatic extensions; writing author; **lead author**

7. **V. Errasti Díez***, B. Gording, J. A. Méndez-Zavaleta and A. Schmidt-May
Complete theory of Maxwell and Proca fields
 ARXIV: [1905.06967 \[hep-th\]](#)
 PUBLISHED IN: Phys. Rev. D 101, no. 4, 045008 (2020) DOI: [10.1103/PhysRevD.101.045008](#)
 PERSONAL CONTRIBUTION: Sole responsible for the holographic condensed matter proposal, lead contextualizer of the results; writing author; **lead author**
8. **V. Errasti Díez***
Knot invariants and M-theory: proofs and derivations
 ARXIV: [1702.07366 \[hep-th\]](#)
 PUBLISHED IN: Phys. Rev. D 97, no. 2, 026001 (2018) DOI: [10.1103/PhysRevD.97.026001](#)
9. K. Dasgupta*, **V. Errasti Díez**, P. Ramadevi and R. Tatar
Knot invariants and M-theory: Hitchin equations, Chern-Simons actions and surface operators
 ARXIV: [1608.05128 \[hep-th\]](#)
 PUBLISHED IN: Phys. Rev. D 95, no. 2, 026010 (2017) DOI: [10.1103/PhysRevD.95.026010](#)
 PERSONAL CONTRIBUTION: Lead calculations executioner, lead contextualizer of results; **lead author**
10. N. Acharyya*, A. P. Balachandran, **V. Errasti Díez**, P. N. B. Subramanian and S. Vaidya
BRST symmetry: boundary conditions and edge states in QED
 ARXIV: [1604.03696 \[hep-th\]](#)
 PUBLISHED IN: Phys. Rev. D 94, no. 8, 085026 (2016) DOI: [10.1103/PhysRevD.94.085026](#)
 PERSONAL CONTRIBUTION: Lead calculations executioner; secondary writing author; second author
11. **V. Errasti Díez***, R. M. Godbole and A. Sinha
Improvements to the Froissart bound from AdS/CFT
 ARXIV: [1504.05754 \[hep-ph\]](#)
 PUBLISHED IN: Phys. Lett. B 746, 285 (2015) DOI: [10.1016/j.physletb.2015.05.016](#)
 PERSONAL CONTRIBUTION: Lead calculations poser and executioner, lead statistical analysis executioner, responsible for the F-test proposal; writing author; **lead author**
12. N. Acharyya* and **V. Errasti Díez**
Monopoles, Dirac operator and index theory for fuzzy $SU(3)/(U(1) \times U(1))$
 ARXIV: [1411.3538 \[hep-th\]](#)
 PUBLISHED IN: Phys. Rev. D 90, no. 12, 125034 (2014) DOI: [10.1103/PhysRevD.90.125034](#)
 PERSONAL CONTRIBUTION: Lead calculations executioner, responsible for the identification of Φ as a section of a certain complex line bundle; secondary writing author; second author

I have given 33 scientific talks at 25 distinct institutions/conferences in 10 countries. Among these, 18/33 invited talks, highlighted below with an asterisk after the title.

1. *Resurrecting ghosts** 03.2024
APEC Seminar, Kavli Institute for the Physics and Mathematics of the Universe Tokyo, **Japan**
2. *The hitchhiker's guide to High Energy Physics and ghosts therein** 03.2024
Quantitative Methods Job Market Seminar, CUNEF Universidad Madrid, **Spain**
3. *Comments on ghostly stability** 02.2024
Gravitation and Cosmology Seminar Series, Universidad de Salamanca Salamanca, **Spain**
4. *Ghost killing versus ghost taming** 11.2023
Cosmology Seminar Series, University of Helsinki Helsinki, **Finland**
5. **Plenary talk.** *Rethinking stability** 10.2023
III Workshop in Current Challenges in Cosmology Bucaramanga, **Colombia**
6. *Recipe to count degrees of freedom** (In Spanish) 10.2023
Physics Seminar, Universidad Industrial de Santander Bucaramanga, **Colombia**
7. *Motivation for and strengths/weaknesses of String Theory** (In Spanish) 09.2023
Seminar of the Faculty of Physics, Universidad Veracruzana Xalapa, **Mexico**
8. **Conference-closing panel discussion.** *On the future of modified gravity** 06.2023
Geometric Foundations of Gravity (GeomGrav2023) Tartu, **Estonia**
9. **Plenary talk.** *Modified Gravity. Risk assessment and palliation techniques** 06.2023
Geometric Foundations of Gravity (GeomGrav2023) Tartu, **Estonia**
10. **Special seminar.** *The multifaceted power of theoretical high energy physics** 05.2023
Tenure-track interview, University of Virgin Islands St. Thomas, **USA**
11. **Teaching demonstration lecture.** *What is energy (conservation)?** 05.2023
Tenure-track interview, University of Virgin Islands St. Thomas, **USA**
12. **Special seminar.** *Ghosts and other horror stories in effective field theories** (In Spanish) 03.2023
Celebration of the International Day of Women, Universidad Europea de Madrid Madrid, **Spain**
13. **Plenary talk.** *Vengeful ghosts** 08.2022
Spanish and Portuguese Relativity Meetings (EREP2022) Salamanca, **Spain**
14. *Physics of the unmeasurable* 05.2022
ORIGINS PhD Forum Garching, **Germany**
15. *Modified Gravity Theories: Who You Gonna Call? Ghostbusters!** 04.2022
Global Summit on Gravitation, Astrophysics and Cosmology (GSGAC2022) (Virtual) Tokyo, **Japan**
16. **Special seminar.** *Errors 404 & 501 in field theory* (In Spanish) 02.2022
60th anniversary of the Physics Department, Universidad Veracruzana (Virtual) Xalapa, **Mexico**
17. *Handling constraints: the good, the bad and the ugly** 01.2022
High Energy Physics Theory Journal Club, McGill University (Virtual) Montreal, **Canada**
18. **Research-unit highlight talk.** *Quantization of generalized massive electrodynamics** 11.2021
ORIGINS Science Week 2021 Kloster Irsee, **Germany**

19. **Plenary talk.** *The hitchhiker's guide to ghost freedom** 09.2021
Cosmology in Colombia (CoCo2021) (Virtual) Bogotá, **Colombia**
20. *Quantum Field Theory beyond Dirac* 06.2021
String Theory Seminar, Arnold Sommerfeld Center (ASC) (Virtual) Munich, **Germany**
21. **Special physics colloquium.** *Electrodynamics from 1861 to 2034, a journey** 04.2021
Tenure-track interview, University of Winnipeg (Virtual) Winnipeg, **Canada**
22. *Schwinger, we've got a problem!* 01.2021
String Theory Seminar, Arnold Sommerfeld Center (ASC) (Virtual) Munich, **Germany**
23. *Making easy the difficult, a quantum mechanical matrix model for super-Yang-Mills* 06.2020
Joint Group Seminar, LMU & MPP (Virtual) Munich, **Germany**
24. *Dancing with the devil, Hard Proca, Generalized Proca and Proca Nuevo* 05.2020
String Theory Seminar, Arnold Sommerfeld Center (ASC) (Virtual) Munich, **Germany**
25. *A new field theory has seen the light: Maxwell-Proca* 06.2019
Joint Group Seminar, LMU & MPP Munich, **Germany**
26. *Fun with diagrams! Exact results in knot theory from combinatorics and geometry* 12.2018
String Theory Seminar, Arnold Sommerfeld Center (ASC) Munich, **Germany**
27. **Workshop-opening master lecture.** *Let's talk knots** 12.2018
International Max-Planck Research School (IMPRS) Workshop Kloster Ringberg, **Germany**
28. *On how difficult it is to tie up knots with strings* 11.2018
Joint Group Seminar, LMU & MPP Munich, **Germany**
29. **Award-winning poster presentation.** *From M-Theory to knot theory* 01.2018
Young Researchers Integrability School and Workshop (YRISW2018) Monte Verità, **Switzerland**
30. *Knot invariants in M-Theory* 01.2017
Theoretical Physics Seminar, Instituto de Física Teórica (IFT) Madrid, **Spain**
31. *Nakahara Chapter 6* 07.2014
Nakahara Reading Group Seminar, McGill University Montreal, **Canada**
32. *Nakahara Chapters 4.5-4.7* 06.2014
Nakahara Reading Group Seminar, McGill University Montreal, **Canada**
33. *Corrections to the Froissart bound from AdS/CFT* 02.2014
Grad Seminar, McGill University Montreal, **Canada**

Scientific divulgation:

1. *Scientific research: what, how, who?* (In Spanish) 02.2024
Science Week, Miguel de Unamuno Vitoria-Gasteiz, **Spain**
2. *Brief praise to research* (In Basque) 02.2024
Science Week, Miguel de Unamuno Vitoria-Gasteiz, **Spain**
3. *What physics can(not) explain* (In Spanish) 10.2023
III Workshop Current Challenges in Cosmology Bucaramanga, **Colombia**
4. *Enumerative geometry <heart> string theory* (In Spanish) 03.2023
Sci-Tech Day, Universidad Europea de Madrid Madrid, **Spain**
5. **Honorarium** (250 EUR). *A compass in the universe* (In Spanish) 02.2023
Promotion of UN's 2030 Agenda, Sustainable Development Goal 4 Vitoria-Gasteiz, **Spain**
AUDIENCE: ~100 attendants LINK TO VIDEO: [YouTube](#)
6. **Honorarium** (200 EUR). *Thinking outside the box* 08.2022
Summer School for talented Bavarian high school students Garching, **Germany**
7. *Mono Sapiens: the seekers of ONE explanation for ALL* 05.2022
Pint of Science 2022 Munich, **Germany**
8. *It's a chameleon! It's a Swiss knife! It's superstring theory!* 06.2021
Open House Day 2021, Max-Planck Institut für Physik (Virtual) Munich, **Germany**
9. *When $3 \times 2 \neq 2 \times 3$, crazy math to explain the secrets of Space and Time* 05.2021
Pint of Science 2021 (Virtual) Munich, **Germany**
10. **TED talk**. *Chasing the limits of time* (In Spanish) 05.2021
Uncertain, TEDx Vitoria-Gasteiz Vitoria-Gasteiz, **Spain**
AUDIENCE: ~200 attendants COACH: Paula Mejía (01 – 05.2021) LINK TO VIDEO: [YouTube](#)
11. *Mirror symmetry, a love story between physics and math* 09.2020
Pint of Science 2020 (Virtual) Munich, **Germany**
12. *What the heck is string theory?* 05.2020
Café & Kosmos (Virtual) Munich, **Germany**

Fostering gender equity in academia: (In Spanish)

13. *Physics and female physicists of the XXI century* 02.2024
~70 students, 10th grade, Koldo Mitxelena Vitoria-Gasteiz, **Spain**
14. *Science is also a women's thing* 02.2023
~100 students, 10th grade, Miguel de Unamuno Vitoria-Gasteiz, **Spain**
15. *String Theory in less than 3 minutes!* 02.2022
11 February Tell Us initiative LINK TO VIDEO: [YouTube](#)
16. *String theory and female theorists* 02.2022
~100 students, 12th grade, Miguel de Unamuno & Koldo Mitxelena Vitoria-Gasteiz, **Spain**

17. *Science from a female point of view* 02.2022
 ~200 students, 9th – 12th grades, 7 Spanish High Schools (Hybrid) Vitoria-Gasteiz, **Spain**
18. **Honorarium** (93 EUR). *What is true in “The Big Bang Theory”?* 02.2021
 85 students, 11th – 12th grade students, Miguel de Unamuno (Virtual) Vitoria-Gasteiz, **Spain**
19. **Honorarium** (93 EUR). *Amazing women I’ve met in physics* 02.2021
 ~100 students, 10th grade, Miguel de Unamuno (Virtual) Vitoria-Gasteiz, **Spain**

Media appearances: (In Spanish)

20. Newspaper joint interview 09.2023
 LINK TO TEXT: [Universo UV](#) Xalapa, **Mexico**
21. Radio interview (In Spanish) 08.2022
 LINK TO AUDIO: [Distrito Euskadi, EITB](#) (59:37) (Phone) Vitoria-Gasteiz, **Spain**