

Lorenzo Vaquero Ota

SENIOR RESEARCHER

Fondazione Bruno Kessler (FBK), Trento, Italy

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About me

I'm a Senior Researcher at the Deep Visual Learning lab at Fondazione Bruno Kessler, with a PhD in Computer Science (*summa cum laude*) from the University of Santiago de Compostela. My research brings together vision-language models, explainable AI, and human-centered vision to develop methods that are interpretable and grounded in human context.

My current work also explores how AI can support public safety in responsible ways. In PRECRISIS and IAMI, I lead work packages on visual understanding in complex operational environments, with particular attention to reliability and responsible use. I am also a member of the FBK Compliance Group, contributing to institutional work on trustworthy AI practices and data privacy.

Alongside research, I enjoy teaching, mentoring students, and sharing science through initiatives such as Pint of Science. If you are working on computer vision for complex real-world environments, feel free to get in touch!

Education

Doctor of Philosophy (PhD) in Computer Science (Summa cum laude)

UNIVERSITY OF SANTIAGO DE COMPOSTELA

October 2019 – July 2023

Santiago de Compostela, Spain

Master of Science (MSc) in Big Data (GPA 9.9 / 10)

UNIVERSITY OF SANTIAGO DE COMPOSTELA

September 2018 – July 2019

Santiago de Compostela, Spain

Bachelor of Science (BSc) in Computer Engineering (GPA 9.5 / 10)

UNIVERSITY OF SANTIAGO DE COMPOSTELA

September 2014 – July 2018

Santiago de Compostela, Spain

Publications

- | | | |
|------|--|---|
| 2026 | From Weights to Concepts: Data-Free Interpretability of CLIP via Singular Vector Decomposition (link)
F. Gentile, N. Dall'Asen, F. Tonini, M. Mancini, Lorenzo Vaquero , and E. Ricci | IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) |
| 2026 | Enabling Efficient Portrait Segmentation on Embedded Devices (link)
R. Benevelli, A. Ancilotto, Lorenzo Vaquero , E. Ricci, and E. Farella | IEEE International Conference on Pervasive Computing and Communications Workshops (PerConAI) |
| 2026 | FineHOI: Part-Aware Dense Representations for Zero-Shot Human-Object Interaction Detection
F. Tonini, Lorenzo Vaquero , M. M. Derakhshani, C. G. M. Snoek, E. Ricci, and C. Beyan | ACM International Conference on Multimedia (ACMMM) |
| 2026 | Humanity's Last Exam: A Benchmark of Expert-Level Academic Questions to Assess AI Capabilities (link)
Center for AI Safety, Scale AI, and HLE Contributors Consortium | Nature |
| 2026 | Keynote on Overcoming Detector Failures in Online Multi-Object Tracking
Lorenzo Vaquero , Y. Xu, X. Alameda-Pineda, V. M. Brea, and M. Mucientes | Conference of the Spanish Association for Artificial Intelligence (CAEPIA) |
| 2026 | Keynote on Superpowering Open-Vocabulary Object Detectors for X-ray Vision
P. Garcia-Fernandez, Lorenzo Vaquero , M. Liu, F. Xue, D. Cores, N. Sebe, M. Mucientes, and E. Ricci | Conference of the Spanish Association for Artificial Intelligence (CAEPIA) |
| 2026 | Towards Unconstrained Human-Object Interaction (link)
F. Tonini, A. Conti, Lorenzo Vaquero , C. Beyan, and E. Ricci | IEEE International Conference on Automatic Face and Gesture Recognition (FG) |
| 2026 | Training-Free Semantic Multi-Object Tracking with Vision-Language Models (link)
L. Bonat, F. Tonini, E. Ricci, and Lorenzo Vaquero | IEEE International Conference on Automatic Face and Gesture Recognition (FG) |
| 2026 | Zero-Shot Temporal Action Localization Through Textual Guidance (link)
B. Liberatori, A. Conti, Lorenzo Vaquero , P. Rota, Y. Wang, and E. Ricci | IEEE International Conference on Automatic Face and Gesture Recognition (FG) |

2025	ConViS-Bench: Estimating Video Similarity Through Semantic Concepts (link) B. Liberatori, A. Conti, Lorenzo Vaquero , Y. Wang, E. Ricci, and P. Rota	<i>Conference on Neural Information Processing Systems Datasets and Benchmarks Track (NeurIPS)</i>
2025	Dynamic Scoring with Enhanced Semantics for Training-Free Human-Object Interaction Detection (link) F. Tonini, Lorenzo Vaquero , A. Conti, C. Beyan, and E. Ricci	<i>ACM International Conference on Multimedia (ACMMM)</i>
2025	Enhancing Multi-Object Tracking with Segmentation Masks: A Solution for Lost Object Recovery (link) M. Bendaña, Lorenzo Vaquero , V. M. Brea, and M. Mucientes	<i>Iberian Conference on Pattern Recognition and Image Analysis (IbPRIA)</i>
2025	Superpowering Open-Vocabulary Object Detectors for X-ray Vision (link) P. García-Fernandez, Lorenzo Vaquero , M. Liu, F. Xue, D. Cores, N. Sebe, M. Mucientes, and E. Ricci	<i>IEEE/CVF International Conference on Computer Vision (ICCV)</i>
2024	Lost and Found: Overcoming Detector Failures in Online Multi-Object Tracking (link) Lorenzo Vaquero , Y. Xu, X. Alameda-Pineda, V. M. Brea, and M. Mucientes	<i>European Conference on Computer Vision (ECCV)</i>
2024	AL-GTD: Deep Active Learning for Gaze Target Detection (link) F. Tonini, N. Dall'Asen, Lorenzo Vaquero , C. Beyan, and E. Ricci	<i>ACM International Conference on Multimedia (ACMMM)</i>
2024	Live Demonstration: 5-bit signed SRAM-based DNN CIM for Image Recognition (link) Ó. Pereira-Rial, D. García-Lesta, Lorenzo Vaquero , P. López, V. M. Brea, and D. Cabello	<i>IEEE International Symposium on Circuits and Systems (ISCAS)</i>
2023	Real-Time Siamese Multiple Object Tracker with Enhanced Proposals (link) Lorenzo Vaquero , V. M. Brea, and M. Mucientes	<i>Pattern Recognition (PatRec)</i>
2023	Depth Estimation and Image Restoration by Deep Learning from Defocused Images (link) S. Nazir, Lorenzo Vaquero , M. Mucientes, V. M. Brea, and D. Coltuc	<i>IEEE Transactions on Computational Imaging (TCI)</i>
2022	2HDED:NET for Joint Depth Estimation and Image Deblurring from a Single Out-of-Focus Image (link) S. Nazir, Lorenzo Vaquero , M. Mucientes, V. M. Brea, and D. Coltuc	<i>IEEE International Conference on Image Processing (ICIP)</i>
2022	Fast Multi-Object Tracking with Feature Pyramid and Region Proposal Networks (link) Lorenzo Vaquero , V. M. Brea, and M. Mucientes	<i>International Conference on Pattern Recognition (ICPR)</i>
2021	Tracking More Than 100 Arbitrary Objects at 25 FPS Through Deep Learning (link) Lorenzo Vaquero , V. M. Brea, and M. Mucientes	<i>Pattern Recognition (PatRec)</i>
2020	SiamMT: Real-Time Arbitrary Multi-Object Tracking (link) Lorenzo Vaquero , M. Mucientes, and V. M. Brea	<i>International Conference on Pattern Recognition (ICPR)</i>
2018	Deep Learning for Video Object Detection and Tracking B. Bosquet, M. Fernández-Sanjurjo, Lorenzo Vaquero , D. Cores, V. M. Brea, and M. Mucientes	<i>Machine Learning Workshop Galicia (WGML)</i>

Research Stays

Inria Grenoble-Rhône-Alpes Research Centre

May 2022 – July 2022

UNDER THE SUPERVISION OF XAVIER ALAMEDA-PINEDA

Grenoble, France

- Applied visual tracking techniques and attention mechanisms to the detection-to-track association problem in multi-object environments. [Python, PyTorch]

CESGA (Supercomputing Center of Galicia)

March 2018 – June 2018

UNDER THE SUPERVISION OF JAVIER LÓPEZ CACHEIRO

Santiago de Compostela, Spain

- Developed a Big Data solution for collecting and analysing process-accounting information across CESGA's supercomputers. [Python, Spark, Hive, HBase, Docker]

Experience

Research Associate

September 2023 – PRESENT

FBK (FONDAZIONE BRUNO KESSLER)

Trento, Italy

- Multi-object tracking for the European ISFP PRECRISIS project; entity identification and resolution as Work Package Leader on the European HORIZON-CL3 IAM project; human-object interaction detection for the European HORIZON-WIDERA PATTERN project; active learning for gaze target estimation on Bandiera-Intelligenza Artificiale. [Python, PyTorch, Docker]

Collaborating Personnel

October 2023 – PRESENT

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Approved as Collaborating Personnel by the CITIUS scientific committee for continued multi-object tracking research within the Intelligent Systems Group. [Python, PyTorch]

Teaching Assistant

September 2024 – September 2025

USC (UNIVERSITY OF SANTIAGO DE COMPOSTELA)

Santiago de Compostela, Spain

- Teaching in the Initiation to Research course of the MSc in Journalism and Artificial Intelligence, jointly run by USC and the Spanish Broadcasting Corporation (RTVE).

Research Associate

July 2023 – September 2023

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Research in Transformer-based multi-object tracking for the Spanish Responsible AI for Process Mining 2.0 project. [Python, PyTorch]

Teaching Assistant

September 2021 – September 2025

UIMP (MENÉNDEZ PELAYO INTERNATIONAL UNIVERSITY)

Madrid, Spain

- 90h of teaching in the Initiation to Research course of the MSc in Artificial Intelligence Research, jointly run by UIMP and the Spanish Association for Artificial Intelligence (AEPIA).

PhD Student

October 2019 – July 2023

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Developed visual object tracking algorithms with deep convolutional networks under an FPU pre-doctoral grant from the Spanish Ministry of Universities; delivered 180h of teaching in Knowledge Engineering and Artificial Intelligence for the BSc in Computing Engineering and BSc in Mathematics at USC; supervised BSc final projects on edge AI, visual tracking, and open-set object detection. [Python, TensorFlow, PyTorch]

Advanced Research Technician

November 2018 – October 2019

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Developed a multi-object visual tracker based on convolutional neural networks for the Spanish BIGBISC project; supervised a BSc final project titled “CNN-Assisted Object Labeling Web Application” (graded 9.2/10). [Python, TensorFlow]

Research Assistant

June 2018 – October 2018

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Developed a small-object visual tracker using deep learning for the Gradient-funded “CNNs for Small Target Detection” industry project. [Python, TensorFlow]

Research Fellow

November 2017 – July 2018

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Developed a visual object tracking system using convolutional neural networks under a Spanish Ministry of Education Collaboration Grant. [Python, TensorFlow]

Summer Research Fellow

July 2017

CITIUS (RESEARCH CENTER IN INTELLIGENT TECHNOLOGIES)

Santiago de Compostela, Spain

- Received training in computer vision with convolutional neural networks during a CITIUS Summer Fellowship for Introduction to Research. [Python, Caffe]

Teaching Experience

Foundations of AI Scientific Research (MSc in Artificial Intelligence Research)

September 2021 – September 2025

UIMP (MENÉNDEZ PELAYO INTERNATIONAL UNIVERSITY)

Teaching Assistant, 80h

Advanced Multimodal Learning (PhD in Information Engineering and Computer Science)

July 2025

UNITN (UNIVERSITY OF TRENTO)

Adjunct Professor, 20h

Introduction to Artificial Intelligence (MSc in Journalism and Artificial Intelligence)

USC (UNIVERSITY OF SANTIAGO DE COMPOSTELA)

September 2024 – January 2025

Teaching Assistant, **3h**

Artificial Intelligence (BSc in Computing Engineering & BSc in Mathematics)

USC (UNIVERSITY OF SANTIAGO DE COMPOSTELA)

September 2021 – July 2022

Teaching Assistant, **30h**

Knowledge Engineering (BSc in Computing Engineering & BSc in Mathematics)

USC (UNIVERSITY OF SANTIAGO DE COMPOSTELA)

September 2019 – July 2022

Teaching Assistant, **150h**

Student Supervision

September 2019 – PRESENT

- UNIVERSITY OF SANTIAGO DE COMPOSTELA (USC): Supervised **3 BSc**, **2 MSc**, and **1 PhD** students in their thesis projects.
- UNIVERSITY OF TRENTO (UNITN): Supervised **1 BSc**, **4 MSc**, and **4 PhD** students in their thesis projects.

Other education

PM² Beginner Certification ([link](#))

20 HOURS

PM² Alliance & Cassiopea

2025

DLT4ALL MOOC ([link](#))

138 HOURS

DLT4ALL European Consortium

2021

Microsoft Azure Fundamentals Certification

8 HOURS

Microsoft Certified

October 2020

European Science Diplomacy Online Course

15 HOURS

S4D4C European Consortium

June 2020

USC Courses for the Improvement of Teaching and Research Skills

200 HOURS

USC Training and Teaching Innovation Program

2019 – 2021

CiTIUS Research Training Program

150 HOURS

CiTIUS and University of Santiago de Compostela

2019 – 2021

From Rome to the Digital Culture: 2000 Years of Ovid

25 HOURS

University of Santiago de Compostela

June 2017

Google Actívate Digital Skills Certifications

400 HOURS

Google & Spanish Government

2016 – 2018

Android Study Jams · Android Application Development

10 WEEKS

Google Development Group Spain

October 2015

Programming NVIDIA GPUs with CUDA

5 HOURS

University of Santiago de Compostela

October 2015

ESTALMAT PI

ACADEMIC YEAR 2011/2012

Royal Academy of Exact, Physical and Natural Sciences

2011 – 2012

Awards and Distinctions

- 2026 **Most Privacy-Minded Individual Award** – Fondazione Bruno Kessler. Conferred by FBK in recognition of outstanding privacy awareness, data protection culture, and excellence in responsible research practices across the institution.
- 2025 **PhD Extraordinary Award** – University of Santiago de Compostela. Awarded by USC in recognition of outstanding academic performance throughout the PhD programme in Computer Science.
- 2021 **Winner V Hackathon in Big Data & Analytics** – DXC Technology. Ranked 1st of 12 teams for an edge-computing AI virtual sensor that monitors paper-impregnation quality at FINSA's industrial plant.
- 2020 **National Award · Best University STEM Project in Sustainability** – Renault Foundation & Sustainability Excellence Club. Selected nationally across every Spanish BSc and MSc STEM final project, for a real-time deep-learning tracker that handles multiple arbitrary objects.
- 2020 **Best Big-Data-related Master's Final Project of Galicia** – DXC Technology. Awarded by DXC Technology across Galician institutions for a multi-object tracker designed around optimised data pipelines.
- 2020 **Best Master's Final Project · MSc in Big Data** – University of Santiago de Compostela. Best MSc Final Project of the MSc in Big Data at USC, for a novel region-proposal-network architecture for multi-object tracking.
- 2020 **Extraordinary Award · MSc in Big Data** – University of Santiago de Compostela. Top-ranking student of the MSc in Big Data programme at USC, awarded for remarkable academic performance.
- 2020 **Winner IV Hackathon in Big Data & Analytics** – DXC Technology. Ranked 1st of 16 teams for an AI-powered biotoxin predictor for Galician upwellers based on coastal hydrodynamics data.
- 2019 **Top 3% at FPU Pre-doctoral Grants Programme** – Spanish Ministry of Science, Innovation and Universities. Ranked 7th of 268 candidates in the Computer Science & Information Technology area of the national FPU pre-doctoral grants competition.
- 2019 **Extraordinary Award · BSc in Computer Engineering** – University of Santiago de Compostela. Top-ranking student of the BSc in Computer Engineering programme at USC, awarded for remarkable academic achievement.
- 2019 **Selected among Best 3 BSc Final Projects of the IX Class** – University of Santiago de Compostela. Selected among the three best final projects of the IX class of the BSc in Computing Engineering, for a Dockerised SiamFC-based visual object tracker.

Academic service

- 2026 – PRESENT Member of the FBK Compliance Group, supporting the development of a shared compliance culture across FBK on privacy, AI Act governance, research ethics, copyright, and EU data regulations.
- 2026 – PRESENT Science Ambassador for FBK, participating in an advanced training program on science communication and helping communicate the value, impact, and frontiers of FBK research to broader audiences.
- 2024 – PRESENT Organizer of the international Pint of Science festival in Trento, bringing researchers and the wider community together in informal venues across the city.
- 2023 – PRESENT Reviewer for leading computer-vision conferences and journals. (*Venues: CVPR, ICCV, ECCV, ACMMM, ICRA, ACL, FG, PR, CVIU, PRAI, SR, TNET, TNNLS*)
- 2022 – 2023 Represented the teaching and research staff on USC's Academic Senate, the highest collegiate governance body of the university.
- 2022 – 2023 Represented the teaching and research staff on USC's Economic Affairs Committee, reviewing the university's budget and financial decisions.
- 2021 – 2023 Helped establish the CiTIUS Maker space and culture: selected the equipment needed to set it up and proposed several of the operational activities.
- 2021 – 2023 Member of the board that oversees training, mentoring, and professional-development activities for CiTIUS staff and PhD students.
- 2020 – 2023 Main organizer of the Under the Sun lecture series at CiTIUS, inviting leading figures from fields beyond Computer Science to share their work with the research community.
- 2020 Member of the ECAI 2020 Organizing Committee, in charge of the Volunteers Program and Human Resources logistics.
- 2019 – 2023 Developed and presented an AI-driven slot-car demo that surpassed human pilots, used in public science and innovation events. (*Venues: USC Outstanding Science 2019, USC Outstanding Science 2020, USC Outstanding Science 2021, USC Outstanding Science 2022, II USC Innovation Fair, European Researchers' Night 2021, European Researchers' Night 2022*)
- 2019 – 2022 Presented live demonstrations of computer-vision algorithms developed at CiTIUS for public-facing science and innovation events. (*Venues: USC Outstanding Science 2019, USC Outstanding Science 2021, CiTIUS Inside the Lab IV, I USC-ABANCA Innovation Fair*)

Research Projects

IPCEI-CIS CS&AI (IPCEI-CIS: Cybersecurity & AI at the Edge)

May 2025 – May 2029

EUROPEAN IPCEI-CIS (IPCEI CLOUD DM 27 GIUGNO 2022 – IPCEI-CL-0000007) [€13,330,900]

Researcher

A €1B+ pan-European industrial initiative building the next generation of sovereign, sustainable cloud infrastructure for Europe.

EDL4FV (Efficient Deep Learning for In-Sensor Face Verification)

February 2025 – November 2025

ISCRA-C (ISCc6-EDL4FV) [56,000 GPU/H]

Principal Investigator

An ISCRA-C compute grant developing a fully parallel architecture that integrates advanced deep learning directly into image sensors for face recognition.

IAMI (Identity Attributes Matrix Initiative)

EUROPEAN HORIZON-CL3 (HORIZON-CL3-2023-FCT-01-04-101168272) [€3,746,252.50]

A European HORIZON-CL3 project advancing entity identification and resolution to support counterterrorism and law-enforcement use cases.

February 2025 – January 2028

Work Package Leader

MOT Detector Failures (Overcoming Detector Failures in Multi-Object Tracking)

EUROHPC JU (EHPC-DEV-2024D12-069) [280,000 GPU/H]

A EuroHPC JU compute allocation for a tracking system that reduces reliance on object detectors by exploiting semantic and interaction cues.

January 2025 – January 2026

Principal Investigator

PATTERN (Planning a Digital Twin for Greener Road Infrastructure)

EUROPEAN HORIZON-WIDERA (HORIZON-WIDERA-2023-ACCESS-04-01-101159751) [€1,200,000]

A European HORIZON-WIDERA accelerator targeting a digital twin of road infrastructure with human-object-interaction-aware perception.

May 2024 – April 2026

Researcher

AixPA (Artificial Intelligence for the Public Administrations)

ITALIAN NATIONAL RECOVERY AND RESILIENCE PLAN (PNRR PROGETTO BANDIERA PNC – A.1.3 – CUP

C49G22001020001) [€5,000,000]

An Italian PNRR Flagship Project bringing AI capabilities — including human-object interaction analysis — to public-administration use cases.

June 2023 – December 2025

Researcher

PRECRISIS (Protecting Public Spaces Through Integrated Smarter Innovative Security)

EUROPEAN ISFP (ISFP-2022-TFI-AG-PROTECT-02-101100539) [€1,996,347.15]

A European ISFP project empowering law-enforcement authorities with AI-based tools and practical toolkits to make public spaces safer.

May 2023 – June 2025

Work Package Leader

RAI4P (Responsible AI for Process Mining 2.0)

SPANISH MINISTRY OF SCIENCE AND INNOVATION (PID2020-112623GB-I00) [€195,173]

A Spanish national research grant focused on responsible, transparent AI techniques layered on top of process mining.

September 2021 – August 2025

Researcher

Scalextric-IA (Artificial Intelligence for Scalextric Racing)

CITIUS (CIT-2020-SCA) [€2,500]

A CiTIUS-funded micro-project developing a sensor-equipped slot car that uses embedded AI to optimise lap times — and beats human drivers.

September 2020 – July 2021

Principal Investigator

GRC GI-1636 GSI (Consolidating and Structuring of the Intelligent Systems Group)

GALICIAN MINISTRY OF EDUCATION, UNIVERSITY, AND PROFESSIONAL TRAINING (ED431C 2018/29) [€320,000]

A Galician Government competitive grant consolidating CiTIUS' Intelligent Systems Group and its research lines.

January 2019 – December 2021

Researcher

Indra-ATC (Detection and Tracking of Objects for Air Traffic Control through Deep Learning)

INDRA SISTEMAS S.A. (2018-CE153) [€88,440]

An industry-funded R&D project with Indra Sistemas analysing deep-learning detection and tracking algorithms for civil-airport control towers.

October 2018 – May 2019

Researcher

BIGBISC (Fueling Intelligence to Business Processes with Soft Computing in Big Data Scenarios)

SPANISH MINISTRY OF ECONOMY AND COMPETITIVENESS (TIN2017-84796-C2-1-R) [€161,656]

A Spanish national research grant applying soft-computing methods to business-process intelligence in large-scale data settings.

January 2018 – December 2020

Researcher

CNN4ST (CNNs for Small Target Detection)

GRADIENT (2017-CL051)

An industry-funded R&D project with Gradient developing a small-object visual tracker based on deep convolutional networks.

November 2017 – October 2018

Researcher

Invited talks

2026	Keynote Speaker at the From Enrolment to Intelligence: IAMI in Practice (European HORIZON-CL3 IAMI project). Reykjavík, Iceland
2026	Session Chair at the Computer Vision Trento Symposium (CVTS) 2026 (CVTS 2026). Trento, Italy
2026	Panel Member at the SPARKLE Final Event (Italian Fondo Repubblica Digitale SPARKLE project). Trento, Italy
2026	Keynote Speaker at the DIGIS Workshop on AI Compliance: Robustness, Trustworthiness, and Fairness (Fondazione Bruno Kessler). Trento, Italy
2026	Keynote Speaker at the European Data Protection Day: Privacy by Researchers for Researchers (Fondazione Bruno Kessler). Trento, Italy
2025	Keynote Speaker at the Research-to-Industry Innovation Pitch (Trentino Digital Bridge 2025). Trento, Italy
2025	Keynote Speaker at the Eco-Friendly Algorithms and Chips for Artificial Intelligence Summer School (USC–Televés University Chair). Santiago de Compostela, Spain
2025	Keynote Speaker at the Entity Identification & Resolution Technologies, Challenges, and Procedures in Counterterrorism Operations (European HORIZON-CL3 IAMI project). Tampere, Finland
2025	Keynote Speaker at the Public Space Protection in a Changing Security Landscape: Trends, Technology & Policy Priorities (European ISF PRECRISIS project). Limassol, Cyprus
2025	Keynote Speaker at the Exploring Socio-Technological Solutions for Safer Public Spaces (European HORIZON-CL3 GATHERINGS project). Online
2024	Keynote Speaker at the Processing, modelling and artificial intelligence for fibre optic sensing users (12th EGU Galileo Conference). Catania, Italy
2024	Panel Member at the Leveraging existing fibre optic networks for improving resilience in our modern society (12th EGU Galileo Conference). Catania, Italy
2024	Panel Host at the Protecting Public Spaces — Innovation Challenges and Priorities (European ISF PRECRISIS project). Sofia, Bulgaria
2024	Keynote Speaker at the Understanding Human Behavior for Mental Wellbeing Robotic Coaches (SoRAIM’24 Winter School). Grenoble, France
2021	Keynote Speaker at the Intelligent Big Data Analytics for Central Asia (European Erasmus+ ELBA project). Santiago de Compostela, Spain

Languages

Spanish

Native

Galician

Native

English

Professional proficiency

Italian

Professional proficiency