

Allegato E)

Curriculum formativo, didattico, scientifico e professionale del candidato

Dichiarazione sostitutiva di certificazioni

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)

(Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	
Informazioni aggiornate al	
Nome e Cognome	Andrés Camilo Granda Arango

Si raccomanda di indicare con precisione tutti gli elementi valutabili ai sensi del bando di selezione (aggiungere o togliere righe secondo necessità).

Esperienza professionale

Periodo	Ente	Principali attività e responsabilità
2017-2021	Universidad de Antioquia	Lecturer
2020-2021	Institución Universitaria Pascual Bravo	Lecturer

Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
2008-2016	Laurea magistrale in Fisica	Universidad de Antioquia
2017-2020	Master in Fisica	Universidad de Antioquia
2022-2025	PhD in Philosophy, Epistemology and Human Sciences	Università degli Studi di Cagliari
2025-2026	Postdoctoral Research Fellow	Università degli Studi di Cagliari

Pubblicazioni / Convegni

Multi-class classification based on quantum state discrimination <i>Fuzzy Sets and Systems</i> 467 , 108509 (2023), DOI: https://doi.org/10.1016/j.fss.2023.03.012
Distribution of Non-Locality On Quantum Random Circuits <i>Physical Review A</i> 112 , 062427 (2025), DOI: https://doi.org/10.1103/8nbw-bvj2
Classification of Quantum Correlations via Quantum-inspired Machine Learning <i>Quantum Mach. Intell.</i> 7 , 112 (2025), DOI: https://doi.org/10.1007/s42484-025-00339-4
A quantum-inspired classification for random mixed states <i>Sci Rep</i> 16 , 10668 (2026), DOI: https://doi.org/10.1038/s41598-026-44068-5
Pretty Good Measurement for Radiomics: A Quantum-Inspired Multi-Class Classifier for Lung Cancer Subtyping and Prostate Cancer Risk Stratification (<i>under review</i>)
Nonlocality as a Benchmarking Tool for Quantum Processors (<i>under review</i>)

Altre attività scientifiche

Peer Reviewer for <i>Quantum Information Processing</i> (Springer Nature)
Peer Reviewer for <i>Quantum Machine Intelligence</i> (Springer Nature)
Member of the Friendly User Pilot Phase Team, Leibniz Supercomputing Centre (LRZ), Munich, Germany
Visiting Scholar, Institute of Physics, Universidad Nacional de La Plata, Argentina, <i>6 months</i>
Visiting Scholar, Academic Division of Basic Sciences, Universidad Juárez Autónoma de Tabasco, México, <i>6 months</i>
Researcher, Quantum Logic and Probability Group, Buenos Aires, Argentina
Researcher, Atomic and Molecular Physics Group, Universidad de Antioquia, Colombia
Researcher, Physics Group, Universidad Juárez Autónoma de Tabasco, México

Ulteriori informazioni pertinenti

II International Workshop: Quantum Mechanics and Quantum Information. Member of the Organizing Committee, Università degli Studi di Cagliari, July 23–24, 2025, Cagliari
XII Conference on Quantum Foundations: From Wave-Particle Duality to Quantum Technologies Poster presentation: “Non-locality and Entanglement in Quantum Random Circuits” Universidad CAECE, November 29-December 1, 2024, Buenos Aires.
Humboldt Colloquium: “Opportunities and Challenges for the Humboldt Network” Contributed talk: “Non-locality and Entanglement in Quantum Random Circuits” September 21-23, 2023, Rome.
Quantum Information and Probability (QIP) Poster presentation: “Non-locality and Entanglement in Quantum Random Circuits” Linnaeus University, June 13-16, 2023, Växjö.
IX Conference on Quantum Foundations Poster presentation: “Philosophical consequences of the new principle of correspondence” Faculty of Mathematics, Astronomy, Physics, and Computer Science, November 27-29, 2019, Cordoba
8th International conference on new frontiers in physics (ICNFP2019) Poster presentation: “Asymptotic quantum mechanics: Is the incomplete Bohr’s correspondence principle?” August 22-29, 2019, Greece.
7th International conference on new frontiers in physics (ICNFP2018) Poster presentation: “Application of an extension of the Bohr Correspondence Principle to the Klein-Gordon and Dirac equation”. July 4-12, 2018, Greece.
VII Conference on Quantum Foundations: Quantum Logic & Quantum Structures Poster presentation: “Application of an extension of the Bohr Correspondence Principle to the Klein-Gordon and Dirac equation”. Universidad CAECE, November 21-23, 2018, Buenos Aires.
II Symposium on Exact and Natural Sciences 2016 Contributed talk: “Classical Limit of Quantum Mechanics” Universidad de Antioquia, November 28-30, 2016, Medellín.
LIX National congress of physics October 2-7, 2016, Guanajuato.
XXVI Forum of Physics Universidad Juárez Autónoma de Tabasco, September 19-23, 2016, Villahermosa
International conference: Colombia in the International Year of Light June 16-19, 2015, Bogota.
Colombian Workshop on Quantum Computing. Universidad de los Andes, May 11-15, 2015, Bogotá
Applications of Quantum Mechanics Universidad Nacional Autónoma de México, 2015, Ciudad de México
International Workshop on Quantum Coherence and Decoherence II August 25-29, 2014, Medellín.

Luogo, data e firma

Cagliari, 11/04/2026