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Ana Pires

Professor Auxiliar

Department of Social and Enterprise Sciences (ETDA)



Contacts

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Academic Qualifications

University/Institution	Type	Degree	Period
Laboratório de Robótica e Sistemas de Engenharia	Post-Doc	e-Games	2025
Instituto de Engenharia de Sistemas e Computadores Investigação e Desenvolvimento em Lisboa	Post-Doc	ARCADE	2022
Universidade de Lisboa Laboratório de Sistemas Informáticos de Grande Escala	Post-Doc	Usable Intrusion Detection & Response on Personal Mobile Devices	2021
Facultad de Psicología Universidad de la República	Post-graduation	Data analysis on the R platform	2016
Facultad de Psicología Universidad de la República	Other type of qualification	Data analysis using Python	2016
Facultad de Psicología Universidad de la República	Post-graduation	Data analysis on the R platform	2016
Facultad de Psicología Universidad de la República	Other type of qualification	Data analysis using Python	2016

Universitat Autònoma de Barcelona	PhD	Psychology - Perception, Communication and Time	2016
University of Miami	Other type of qualification	CITI ethical training: Collaborative Institutional Training Initiative for Social & Behavioral Research Investigators	2014
University of Miami	Other type of qualification	CITI ethical training: Collaborative Institutional Training Initiative for Social & Behavioral Research Investigators	2014
Facultad de Psicología Universidad de la República	Other type of qualification	Matlab for psychologists	2012
Facultad de Psicología Universidad de la República	Other type of qualification	Intensive Workshop on signal analysis with Matlab	2012
Stanford University	Other type of qualification	Writing in the Sciences	2012
Facultad de Psicología Universidad de la República	Other type of qualification	Matlab for psychologists	2012
Stanford University	Other type of qualification	Writing in the Sciences	2012
Facultad de Psicología Universidad de la República	Other type of qualification	Intensive Workshop on signal analysis with Matlab	2012
Universidad de la República Facultad de Ciencias	Other type of qualification	Introduction to Matlab	2011
Universitat Autònoma de Barcelona Departament de Filosofia	Other type of qualification	Workshop on Embodied, Distributed and Extended Cognition: Philosophical Perspectives	2011
Universidad de la República Facultad de Ciencias	Other type of qualification	Introduction to Matlab	2011
Universidad de la Republica Uruguay Facultad de Ciencias Sociales	Other type of qualification	R statistics	2011
Universidad de la Republica Uruguay Facultad de Ciencias Sociales	Other type of qualification	R statistics	2011
Universitat Autònoma de Barcelona	M.Sc.	Research Methodology in Psychology	2010
Universitat Autònoma de Barcelona Departament de Psicologia Bàsica Evolutiva i de l'Educació	Other type of qualification	Emotional intelligence	2009
Universitat Autònoma de Barcelona Departament de Psicologia Bàsica Evolutiva i de l'Educació	Other type of qualification	Emotional intelligence	2009
Universidad Internacional Menéndez Pelayo	Other type of qualification	Workshop on Nature of time, physics and psychology	2008
European Association for Behavioural and Cognitive Therapies	Other type of qualification	An Integrative Cognitive-Behavioural Therapy	2007
Universitat Autònoma de Barcelona Facultat de Psicologia	Licenciate	Psychology	2006

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord .
2025/2026	2º	Teaching and Learning Methodologies	Bachelor Degree in Digital Educational Technologies;	Yes
2025/2026	2º	Project Planning and Management	Bachelor Degree in Digital Educational Technologies;	No
2025/2026	2º	Project Planning and Management		No
2025/2026	2º	Project Planning and Management		No
2025/2026	2º	Project Planning and Management		No
2025/2026	2º	Project Planning and Management		No
2025/2026	2º	Entrepreneurship and Innovation II	Bachelor Degree in Digital Technologies and Information Security;	No
2025/2026	2º	Entrepreneurship and Innovation II		No
2025/2026	2º	Entrepreneurship and Innovation II		No
2025/2026	2º	Entrepreneurship and Innovation II		No
2025/2026	2º	Entrepreneurship and Innovation II		No

Supervisions

- **Ph.D. Thesis**
- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Ana Carolina Peixoto	Exploring Artificial Intelligence into Outdoor Play Experiences for Young Children	English	Developing	Iscte
2	Tainna Paiva	A Child-deprivation Monitoring System for Schools	English	Developing	Iscte
3	Katharina Buckmayer	A Framework for Emotion Regulation Through Multisensory Digital Storytelling and Tangibles	English	Developing	Iscte
4	Filipe Tomé	Creating Empathy with Interactive Digital Games	English	Developing	Iscte

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Carolina Marçal	Exploring Artificial Intelligence into Outdoor Play Experiences for Young Children	English	Developing	Iscte
2	Julliana Sousa	Socio-technical infrastructuring of civic data for/with NGOs	English	Developing	Iscte
3	Marina Gomes	Refugees Sponsorship Program: Community Building Towards Social Action with technology	English	Developing	Iscte
4	Lucia Abreu	TACTOPI: An Interface for Visually Impaired Children to acquire Computational Thinking through touch stimuli explorations	English	Developing	Iscte
5	Guilherme Guimarães	Collaborative Programming in Mixed-Ability Classrooms	English	Developing	Iscte
6	João Pires	Community-driven Digital Storytelling: Preserving Memories, Fostering Civic Engagement, and Improving Digital Literacy	English	Developing	Iscte
7	Miguel Simão	Co-designing an AI Toolkit With/ For Children	English	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Gonçalo Cardoso	Multimodal Accesible Programming Environment Accesible for Children with Visual Impairments	English	Iscte	2020
2	Filipa Rocha	Using Robots to Make Computer Science Accessible to Children with Visual Impairments	English	Iscte	2020

• M.Sc. Final Projects

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Carla Manuela da Fonseca Ramos	Implementation of a Digital Learning Environment for the Individualization of Learning Pathways in Secondary Education	--	Developing	Iscte

2	Paula Alexandra De Sousa Freire	Digital Literacy in the use of AI tools in trainer education: Pre and post training intervention study	--	Developing	Iscte
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Total Citations

Web of Science®	198
Scopus	217

Publications

• Books and Book Chapters

- Book chapter

1	Filipe Pinheiro Tomé, pires, A. C.; Ana Cristina Pires & Pedro F. Campos (2025). Cabo das Tormentas: Recontextualizando História Colonial Portuguesa num videojogo de Terror Psicológico. In Niterói
2	Patricia Piedade, Isabel Neto, pires, A. C.; Ana Cristina Pires, Prada, R. & Hugo Nicolau (2024). "That's Our Game!": Reflections on Co-designing a Robotic Game with Neurodiverse Children. In - Times Cited Web of Science®: 1 - Times Cited Scopus: 3 - Times Cited Google Scholar: 4
3	Branco, Diogo, pires, A. C.; Ana Cristina Pires, Simão, Hugo, Gomes, Ana Isabel, Pereira, Ana Isabel, Sousa, Joana...Guerreiro, Tiago (2021). Exploring How a Digitized Program Can Support Parents to Improve Their Children's Nutritional Habits. In Human-Computer Interaction – INTERACT 2021. (pp. 211-220): Springer International Publishing. - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 3
4	pires, A. C.; Ana Cristina Pires, González Perilli, Fernando, Bakala, Ewelina, Fleischer, Bruno, Sansone, Gustavo & Marichal, Sebastián (2020). Towards an Understanding of the Relationship between Spatial Processing Ability and Numerical and Mathematical Cognition. In: Frontiers Media SA.
5	pires, A. C.; Ana Cristina Pires (2020). Percepción de Tiempos Breves. In Psicología del Tiempo: Una introducción a la temporalidad en las ciencias del comportamiento.
6	Alejandro Maiche, pires, A. C.; Ana Cristina Pires, Chanes, L., Vazquez, A. & Gonzalez, F. (2018). ¿Cómo percibimos el mundo?. In Psicobiología.
7	Alejandro Maiche, Gonzalez, H. & pires, A. C.; Ana Cristina Pires (2014). Percepción. In Manual de Psicología Cognitiva.
8	pires, A. C.; Ana Cristina Pires, Vasquez, A, Carboni, A. & Alejandro Maiche (2012). Percepción Visual. In Neurociencia Cognitiva. Diego Redolar (ed):. Editora medica Panamericana. Buenos Aires.

9	Tome-Pires, C & pires, A. C.; Ana Cristina Pires (2009). Iatrogenia Farmacológica e Psicologia Positiva: uma visão integradora. In Bem Estar e Qualidade de vida. Contributos da Psicologia da Saúde. Textiverso 1ª Edição .
10	Tome-Pires, C & pires, A. C.; Ana Cristina Pires (2009). O Treino de Bio-Absorção Imagética (TBI): sua conceptualização enquanto procedimento de hipnose desperta. In Hipnose Clínica. Fundamentos e Aplicações em Psicologia e Saúde. Psicossoma 1ª Edição .

• Other Publications

- Non-peer-reviewed papers

1	Rocha, F., David Gonçalves, pires, A. C.; Ana Cristina Pires, Hugo Nicolau & Guerreiro, Tiago (2025). Exploring Collaboration in Programming Activities with Children with Visual Impairments: a 10-Session Study in a School Setting. Proceedings of the ACM on Human-Computer Interaction. - Times Cited Scopus: 1
2	Filipe Pinheiro Tomé, pires, A. C.; Ana Cristina Pires, Anna Jiskrová, Ana Saial & Pedro F. Campos (2024). "I Found it Cathartic": Exploring Empathy and Mental Health Awareness in Psychological Horror Video Games. Proceedings of the ACM on Human-Computer Interaction. - Times Cited Web of Science®: 5 - Times Cited Scopus: 7
3	Simão, Hugo, David Gonçalves, pires, A. C.; Ana Cristina Pires, Abreu, Lúcia, Bernardino, Alexandre, Forlizzi, Jodi...Guerreiro, Tiago (2024). "I Want to Send a Message to My Friend": Exploring the Shift of Agency to Older Adults in HRI. International Journal of Social Robotics. 16 (8), 1721-1734 - Times Cited Web of Science®: 4 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
4	Gomes, Ana Isabel, Pereira, Ana Isabel, Guerreiro, Tiago, Branco, Diogo, Roberto, Magda Sofia, pires, A. C.; Ana Cristina Pires...Barros, Luísa (2021). SmartFeeding4Kids, an online self-guided parenting intervention to promote positive feeding practices and healthy diet in young children: study protocol for a randomized controlled trial. Trials. 22 (1) - Times Cited Web of Science®: 4 - Times Cited Scopus: 5
5	pires, A. C.; Ana Cristina Pires, Bakala, Ewelina, González-Perilli, Fernando, Sansone, Gustavo, Fleischer, Bruno, Marichal, Sebastián...Guerreiro, Tiago (2021). Learning maths with a tangible user interface: Lessons learned through participatory design with children with visual impairments and their educators. International Journal of Child-Computer Interaction. 100382 - Times Cited Scopus: 27
6	Dresler, Thomas, Bugden, Stephanie, Gouet, Camilo, Lallier, Marie, Oliveira, Darlene G., Pinheiro-Chagas, Pedro...et al (2018). A Translational Framework of Educational Neuroscience in Learning Disorders. Frontiers in Integrative Neuroscience. 12 - Times Cited Web of Science®: 17 - Times Cited Scopus: 11
7	Dillon, M.R., pires, A. C.; Ana Cristina Pires, Hyde, D.C. & Spelke, E.S. (2015). Children's expectations about training the approximate number system. British Journal of Developmental Psychology. 33 (4), 411-418 - Times Cited Web of Science®: 12 - Times Cited Scopus: 13

8	pires, A. C.; Ana Cristina Pires & Pires, Ana C. (2015). Temporal Perception and Delay Aversion: a videogame screening tool for the early detection of ADHD. Revista Argentina de Ciencias del Comportamiento.
9	Krejtz, K., Duchowski, A., Szmidt, T., Krejtz, I., Perilli, F.G., pires, A. C.; Ana Cristina Pires...Villalobos, N. (2015). Gaze transition entropy. ACM Transactions on Applied Perception. 13 (1) - Times Cited Web of Science®: 154 - Times Cited Scopus: 144 - Times Cited Google Scholar: 231
10	Mate, J., pires, A. C.; Ana Cristina Pires, Campoy, G. & Estaún, S. (2012). Estimating the duration of visual stimuli in motion environments Estimación de la duración de estímulos visuales en contextos en movimiento. Psicologica. 33 (2), 287-300

- Doctoral Thesis

1	pires, A. C.; Ana Cristina Pires (2018). Predicting the future: spatial facilitation further ahead of visual motion. - Times Cited Google Scholar: 1
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• Conferences/Workshops and Talks

- Talk

1	GONZALEZ-PERILLI, FERNANDO, pires, A. C.; Ana Cristina Pires & CIBPSI-UDELAR, ANA MARTÍN (2026). MONTEVIDEO. --. - Times Cited Google Scholar: 2
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Academic Management Positions

Coordenador do 2º Ano (2026)
Unit/Area: Bachelor Degree in Digital Educational Technologies

Awards

Honourable Mention Award Main Paper Track CHI 2025 (2025)

Best Paper (2020)

Special Award for Doctoral Studies (2018)

Professional Associations

Association for Computing Machinery (Since 2019)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event's organizing committee	2024 Communication by Gaze Interaction (COGAIN) symposium		2024
Member of non-scientific event's organizing committee	Workshop Organizer and Lecturer "Co-Designing with Mixed-Ability Groups of Children to Promote Inclusive Education".		Since 2022
Member of non-scientific event's organizing committee	Workshop Organizer and Lecturer "Co-Designing with Mixed-Ability Groups of Children to Promote Inclusive Education".		Since 2022
Member of non-scientific event's organizing committee	Workshop Organizer and Lecturer "Co-Designing with Mixed-Ability Groups of Children to Promote Inclusive Education".		Since 2022
Member of non-scientific event's organizing committee	Cognitive psychology education: current situation and perspectives		2014
Member of non-scientific event's organizing committee	Cognitive psychology education: current situation and perspectives		2014
Member of non-scientific event's organizing committee	Cognitive psychology education: current situation and perspectives		2014
Member of scientific event's organizing committee	III Advanced Research Seminar on Audio Description (ARSAD)		2011
Member of scientific event committee	Winter School on Eye-Tracking Methodology (WSETM'2009) . Member of the organizing committee and co-organized and delivered 6 lab sessions and responsible for 3 open-lab sessions "Data Analysis I" y "Data Analysis II" (total 12 hours).		2009
Member of scientific event's organizing committee	5th World Congress of Behavioural and Cognitive Therapies (WCBCT) European association for behavioural and cognitive therapies, Spain		2007