

Curriculum Vitae

Dr. Andreia Pinto Costa

(PhD, MSc in Psychology)

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Professional Experience

- | | |
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| Since
01/2020 | Research Scientist
Research group “Health Promotion and Aggression Prevention” (Director: Prof. G. Steffgen), Institute “Health & Behavior” (Director: Prof C. Vögele), Department of Behavioural and Cognitive Sciences (Director: Prof C. Vögele), FHSE, Université du Luxembourg |
| 11/2018-
10/2023 | Elected member of the University Council , University of Luxembourg, Luxembourg |
| 07/2017,
unlimited | Authorization to manage research projects , University of Luxembourg, Luxembourg |
| 09/2017-
08/2022 | Deputy course director Bachelor of Science in Psychology , University of Luxembourg, Luxembourg |
| Since
2013 | Laboratory Administrator Psychological Assessment and Testing Laboratory (PAT-LAB; Head: Prof. G. Steffgen), INSIDE/FLSHASE, University of Luxembourg |
| 02/2016-
12/2019 | Research Associate
Research group “Health Promotion and Aggression Prevention” (Director: Prof. G. Steffgen), Institute for Health and Behaviour (Director: Prof C. Vögele), Integrative Research Unit on Social and Individual Development (INSIDE, Director: Prof C. Vögele), FLSHASE, Université du Luxembourg |
| 2012-2016 | Doctoral candidate Research group “Health Promotion and Aggression Prevention” (Director: Prof. G. Steffgen), Institute for Health and Behaviour (Director: Prof. C. Vögele), Integrative Research Unit on Social and Individual Development (INSIDE, Director: Prof. H. Willems), FLSHASE, University of Luxembourg |

Higher Education

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|---------|---|
| 02/2016 | PhD in Psychology - University of Luxembourg, Luxembourg
Title: Emotional reactivity and emotion regulation in children with autism spectrum disorder
Supervisor: Prof. Dr. Georges Steffgen; Grading: Excellent |
| 10/2011 | MSc in Experimental Psychology - University of Minho, Portugal
Title: Psychometric scales and scalar property in velocity perception with pigeons
Supervisor: Prof. Dr. Armando Machado |
| 07/2009 | Internship in Experimental Psychology
University of Minho, Portugal
Laboratory: Animal Learning and Behavior Lab
Coordinator: Prof. Dr. Armando Machado |
| 07/2007 | BSc in Psychology
University of Minho, Portugal |

Awarded Research Grants

ASA	Academic Success in Autism: The impact of emotions and multilingualism 09/2020-08/2023 – Principal Investigator
ProCRob III	Programming Cognitive Robots – III 12/2017-07/2018 – team member (PI: van der Torre)
ProCRob II	Programming Cognitive Robots – II 06/2016-12/2017 – team member (PI: van der Torre)
ProCRob I	Programming Cognitive Robots – I 08/2015-05/2016 – team member (PI: Ziafati)

Publications

Most important publications

- Costa, A. P., Loor, C., & Steffgen, G. (2020). Suicidality in adults with autism spectrum disorder: The role of depressive symptomatology, alexithymia, and antidepressants. *Journal of Autism and Developmental Disorders*, 1-13.
- Costa, A. P., Steffgen, G., & Vögele, C. (2019). The role of alexithymia in parent-child interaction and in the emotional ability of children with autism spectrum disorder. *Autism Research*, 12(3), 458-468. doi:10.1002/aur.2061
- Costa, A. P. & Steffgen, G. (2018). Luxembourg and Autism. In F. R. Volkmar (Ed.), *Encyclopedia of Autism Spectrum Disorders*. Springer. doi:10.1007/978-1-4614-6435-8_102249-1
- Steffgen, G. Costa, A. P., Slee, P. T. (2018). The coping of bystanders with cyberbullying in an adolescent population. In P.T. Slee, G., Skrzypiec, & C. Cefai (Eds.), *Child and Adolescent Well-being and Violence Prevention in Schools*. Routledge.
- Costa A.P., Steffgen G., & Samson A.C. (2017). Expressive Incoherence and Alexithymia in Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 47(6), 1659-1672. doi:10.1007/s10803-017-3073-9
- Costa A.P., Steffgen G., Ferring, D. (2017). Contributors to well-being and stress in parents of children with autism spectrum disorder. *Research in Autism Spectrum Disorder*, 37, 61-72. doi:10.1016/j.rasd.2017.01.007

Other publications

- Costa, A. P., Charpiot, L., Lera, F., Ziafati P., Nazarihorram A., van der Torre, L., & Steffgen, G. (2018). More attention and less repetitive and stereotyped behaviors using a robot with children with autism. *Proceedings of the 2018 IEEE International Conference on Robot and Human Interactive Communication (ROMAN)*. doi:10.1109/ROMAN.2018.8525747
- Costa, A. P., Schweich, T., Charpiot, L., & Steffgen, G. (2018, June). Attitudes of Children with Autism towards Robots: An Exploratory Study. Paper presented at the Interaction Design and Children Workshop on Child-Robot Interaction (IDC-CRI2018). <https://arxiv.org/ftp/arxiv/papers/1806/1806.07805.pdf>
- Costa A.P., Charpiot L., Lera F., Ziafati P., Nazarihorram A., van der Torre, L., & Steffgen, G. (2018, March). *A comparison between a person and a robot in the attention, imitation, and repetitive and stereotypical behaviors of children with autism spectrum disorder*. Paper presented at the workshop on Social human-robot interaction of human-care service robots at the Human Robot Interaction (HRI2018). <http://robotics.auckland.ac.nz/wp-content/uploads/2017/10/UoLuxembourg-Final.pdf>
- Costa A.P., Steffgen G., Lera F., Nazarihorram A., & Ziafati P. (2017, March). *Socially assistive robots for teaching emotional abilities to children with ASD*. Paper presented at the 3rd workshop Child-Robot Interaction at Human-Robots-Interaction (HRI2017). <https://childrobotinteraction.files.wordpress.com/2017/03/andrea-pinto-costa.pdf>
- Ziafati P., Lera F., Costa A.P., Nazarihorram A., & van der Torre, L. (2017). ProCRob architecture for personalized social robotics. *Proceedings Robots 4 Learning at Human-Robots-Interaction (HRI2017)*. http://r4l.epfl.ch/files/content/sites/r4l/files/proceedings_hri2017/R4L_HRI_2017_paper_9.pdf

- Costa, A.P. (2016). *Emotional reactivity and emotion regulation in children with autism spectrum disorder* (Unpublished doctoral thesis). University of Luxembourg, Luxembourg.
- Costa, A.P. & Steffgen, G. (2015). Contributors to undergraduates' perception of skill acquisition across time. *Journal of Education and Training Studies*, 3(5), 26-34.
- Machado, A., Costa, A., & Maia, S. (2007). Directional selection of response numerosity: an exploratory study. *Brazilian Journal of Behaviour Analysis*, 3(2), 259-278.

Submitted publications – In preparation

- Costa A.P., Steffgen G., & Samson A.C. (submitted). *The role of alexithymia in emotional reactivity and regulation in children with autism spectrum disorder*.
- Costa A.P., Steffgen G., & Vögele C. (submitted). *Parental Interaction with Typically Developing Children and Differences to Parents of Children with ASD*.
- Costa, A. P. & Hock, A. (submitted). *Cognitive costs of two different emotion regulation strategies in children*.
- Costa, A. P. & Steffgen, G. (submitted). *After the move to a new campus – Effects on students' satisfaction with the physical and learning environment*.
- Wagener, G. L., Costa, A. P., Steffgen, G., & Melzer, A. (submitted). *"I feel good": Congruent Music Facilitates Emotion Recognition in Children with Autism Spectrum Disorder*.
- Costa, A. P., Couronne, C., & Steffgen, G. (in preparation). *The link between focused attention and emotion regulation ability in children with ASD*.
- Ströbel, C., & Costa, A. P. (in preparation). *Enquête sur la situation des personnes avec un trouble du spectre autistique et leurs familles au Grand-Duché de Luxembourg*.

Conferences/Workshops: Invited talks

- Costa, A.P., Loor, C., & Steffgen, G. (2019, May). *Suicidality in adults with autism spectrum disorder: The role of depression and alexithymia*. Poster presented at the Annual Meeting of the International Society for Autism Research (INSAR 2019), Montreal, Canada.
- Costa, A.P., Kirsten, L., Charpiot, L. & Steffgen, G. (2019, May). *Mental health benefits of a robot-mediated emotional ability training for children with autism: An exploratory study*. Poster presented at the Annual Meeting of the International Society for Autism Research (INSAR 2019), Montreal, Canada.
- Costa, A.P. (2019, March). *La Recherche dans l'Autisme*. Talk at the Researchers in School (Fonds National de la Recherche), Luxembourg, Luxembourg.
- Costa, A. P. (2018, November). *Emotional Difficulties in People with Autism Spectrum Disorder*. Invited talk at the Psychologie und Gesundheit Lecture Series, Esch-sur-Alzette, Luxembourg.
- Costa, A.P. (2018, November). *Life after the PhD*. Invited talk at the Brown Bag Lunch (Doctoral program in Psychology, University of Luxembourg), Esch-sur-Alzette, Luxembourg.
- Costa, A. P., Charpiot, L., Lera, F., Ziafati P., Nazarihorram A., van der Torre, L., & Steffgen, G. (2018, August). More attention and less repetitive and stereotyped behaviors using a robot with children with autism. *Oral presentation at the 2018 IEEE International Conference on Robot and Human Interactive Communication (ROMAN)*, Nanjing, China.
- Costa, A. P., Couronne, C., & Steffgen, G. (2018, May). *The link between focused attention and emotion regulation ability in children with ASD*. Poster presented at the Annual Meeting of the International Society for Autism Research (INSAR 2018), Rotterdam, Netherlands.
- Costa, A. P. (2018, April). Emotional ability training for children with autism. Invited talk at the Journée d'Étude "Le Développement Précoce - Approche Interdisciplinaire" – Service de Rééducation Précoce, Hëllef fir de Puppelchen, Strassen, Luxembourg.
- Costa, A.P. (2018, April). *Plan d'Action National pour l'Accompagnement des Personnes avec Autisme et leur Familles*. Invited talk for the Autism Awareness Day 2018 – Fondation Autisme Luxembourg, Capellen, Luxembourg.
- Costa, A.P. (2018, April). *Plan d'Action National pour l'Accompagnement des Personnes avec Autisme et leur Familles*. Invited talk for the Autism Awareness Day 2018 – Fondation Autisme Luxembourg, Capellen, Luxembourg.
- Costa A.P., Charpiot L., Lera F., Ziafati P., Nazarihorram A., van der Torre, L., & Steffgen, G. (2018, March). *A comparison between a person and a robot in the attention, imitation, and repetitive and stereotypical behaviors of children with autism spectrum disorder*. Poster presentation at the workshop on Social human-robot interaction of human-care service robots at the Human

- Robot Interaction (HRI2018), Chicago, USA. <http://robotics.auckland.ac.nz/wp-content/uploads/2017/10/UoLuxembourg-Poster.pdf>
- Costa, A.P. (November, 2017). *Entraînement émotionnel pour enfants autistes*. Invited talk at the Service d'Éducation Spéciale et de Soins à Domicile, Thionville, France.
- Steffgen, G., Vesely, J., & Costa, A. P. (2017, September). Does physical learning environment matter? Effects after the move to a new campus on the perception of the quality of studies. Poster presented at the European Psychology Learning and Teaching Conference, Salzburg, Austria.
- Costa, A.P., Steffgen, G., & Vögele, C. (2017, March). *The role of parents in children's emotional ability*. Poster presented at the International Conference of Psychological Science, Vienna, Austria.
- Costa A.P., Steffgen G., Lera F., Nazarihorram A., & Ziafati P. (2017, March). *Socially assistive robots for teaching emotional abilities to children with ASD*. Oral presentation at the 3rd workshop Child-Robot Interaction at HRI, Vienna, Austria.
- Ziafati P., Lera F., Costa A.P., Nazarihorram A., & van der Torre, L. (2017). *ProCRob architecture for personalized social robotics*. Poster presented at Robots 4 Learning at HRI, Vienna, Austria.
- Costa, A.P. (2016, September). *Improving emotional ability in children with autism*. Invited talk at the parents-professionals meeting of the Fondation Autisme Luxembourg. Capellen, Luxembourg.
- Costa, A.P. & Steffgen, G. (2016, July). *The contribution of emotion dysregulation to depressive symptomatology in parents of children with ASD*. Poster presented at the XXII International Society for Research on Aggression Meeting, Sydney, Australia.
- Steffgen, G., & Costa, A. P. (2016, July). Coping with cyberbullying: A comparison between schools. Oral presentation at the SWAPv Inaugural Conference, Adelaide, Australia.
- Costa, A.P., & Steffgen, G. (2016, May). *Difficultés émotionnelles chez les parents et ses enfants atteints d'un trouble du spectre autistique*. Oral presentation at the 9th Colloque RIPSYPDEVE, Louvain-la-Neuve, Belgique.
- Costa, A.P., Steffgen, G., & Ferring, D. (2016, May). *Emotional difficulties in parents of children with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Baltimore, USA.
- Costa, A.P., & Steffgen, G. (2015, May). *Coping with Bullying Questionnaire: Validation of the German adaptation*. Poster presented at the 6th World Congress on Violence in School, Lima, Peru.
- Costa, A.P., & Steffgen, G. (2015, May). *Emotion regulation and depression in parents of children with ASD*. Poster presented at the International Meeting for Autism Research, Salt Lake City, USA.
- Costa, A.P., & Steffgen, G. (2015, July). *A multidimensional assessment of emotion regulation in children with autism spectrum disorder*. Oral presentation at the Bi-Annual Conference of the International Society for Research on Emotion, Geneva, Switzerland.
- Costa, A.P., & Steffgen, G. (2015, September). *The influence of parents in children's emotion regulation*. Poster presented at the 17th European Conference on Developmental Psychology, Braga, Portugal.
- Costa, A., & Steffgen, G. (2014, May). *Effects of autistic traits on emotion regulation in neurotypical adults*. Poster presented at the International Meeting for Autism Research, Atlanta, USA.
- Costa, A., & Steffgen, G. (2014, July). *Frustration and anger regulation in children with autism spectrum disorder*. Poster presented at the XXI International Society for Research on Aggression Meeting, Atlanta, USA.
- Costa, A., & Steffgen, G. (2014, November). *Emotion regulation and anger expression in children with autism spectrum disorder*. Oral presentation at the Workshop Aggression: Social and Media Dimensions of Aggression, Berlin, Germany.
- Costa, A., & Steffgen, G. (2013, September). *Autistic traits and emotion regulation*. Poster presented at the Tagung der Fachgruppe Gesundheitspsychologie, Luxembourg, Luxembourg.
- Costa, A., & Steffgen, G. (2013, October). *Emotion regulation in autism spectrum disorder: A review*. Poster presented at the 25th Congress of the European Academy of Childhood Disability, New Castle, UK.
- Costa, A., Bentes, J., Santos, J., & Machado, A. (2009). *Velocity discrimination in pigeons: psychometric function and contrast effects*. Poster presented at the 32nd SQAB, Phoenix, US.
- Costa, A., Bentes, J., Santos, J., & Machado, A. (2009). *Velocity discrimination in pigeons: differential thresholds and generalization*. Poster presented at the 4th Annual Meeting of Portuguese Experimental Association, Lisbon, Portugal.
- Costa, A., Magalhães, L., Comesaña, M., & Soares, A. (2009). *Learning a new language: Learning method influence in the access to the conceptual system*. Poster presented at the 4th Annual Meeting of Portuguese Experimental Association, Lisbon, Portugal.

- Costa, A., Arantes, J., Quintas, T., & Machado, A. (2008). *The behaviour as a temporal mediator*. Poster presented at the 5th Symposium of Behavioral Ecology and Interactions, Uberlândia, Brazil.
- Costa, A., Arantes, J., Quintas, T., & Machado, A. (2008). *The relevance of mediating behaviours in temporal perception*. Poster presented at the 3rd Annual Meeting of Portuguese Experimental Association, Faro, Portugal.
- Costa, A., Maia, S., & Machado, A. (2008). *How many can a pigeon count?* Poster presented at the 8th National Congress of Ethology, Lisbon, Portugal.
- Costa, A., Arantes, J., Quintas, T., & Machado, A. (2008). *The relevance of mediating behaviours in temporal perception*. Poster presented at the 8th National Congress of Ethology, Lisbon, Portugal.
- Costa, A., Maia, S., & Machado, A. (2007). *Shaping Schedule applied to numerical differentiation*. Poster presented at the 19th Congress of Comparative Psychology, Madrid, Spain.

Memberships

- International Society for Autism Research (INSAR)
- International Society for Research on Emotion (ISRE)
- Société Luxembourgeoise de Psychologie (SLP)

Ad-hoc reviewer

Autism, the International Journal of Research and Practice; Autism Research; Journal of Autism and Developmental Disorders; Cognition and Emotion; International Journal of Psychiatry in Clinical Practice, Frontiers in Psychiatry

Current Teaching Activities

- Bachelor of Science in Psychology - University of Luxembourg
- Lecture: Introduction au Diagnostic Psychologique [Introduction to Psychological Assessment]
 - Seminar: Wissenschaftliches Arbeiten [Research Tools]
 - Seminar: Experimentalpraktikum [Experimental Methods]
- Master in Psychological Intervention - University of Luxembourg
- Lecture: Emotion Regulation in Social Contexts

Theses Supervision

Master's theses

- Franco, M. (ongoing). Multilingualism in children with autism spectrum disorder living in Luxembourg. Master in Psychological Intervention, University of Luxembourg.
- Loor, C. (July, 2018). Suicidality in adults with autism spectrum disorder: The role of depression and alexithymia. Master in Psychotherapy, University of Luxembourg.
- Charpiot, L. (June, 2017). Using a robot to teach emotional skills to decrease internalized and externalized problems: an exploratory study. Master of Cognitive Sciences for Business, University of Lille, France.

Bachelor's theses

- Ströbel, C. (July, 2019). A national survey on the situation of autism in Luxembourg. Bachelor of Science in Psychology, University of Luxembourg.
- Arm, A. (July, 2019). The effects of an emotional ability training for children on their parents' well-being. Bachelor of Science in Psychology, University of Luxembourg.
- Kirsten, L. (July, 2018). Teaching emotional ability to children with ASD using a socially assistive robot. Bachelor of Science in Psychology, University of Luxembourg.
- Krämer, L. (July, 2018). Autism in Luxembourg: An approach to the assessment of the current situation of people with ASD and their families. Bachelor of Science in Psychology, University of Luxembourg.
- Schweich, T. (July, 2018). Les attitudes des enfants diagnostiqués avec un trouble du spectre autistique envers les robots. Bachelor of Science in Psychology, University of Luxembourg.
- Couronne, C. (July, 2017). The role of attention and alexithymia in emotional reactivity and regulation in children with autism spectrum disorder. Bachelor of Science in Psychology, University of Luxembourg.

- Goumdiss, M. (July, 2015). Emotion regulation strategies and cognitive costs. Bachelor of Science in Psychology, University of Luxembourg.
- Hock, A. (July, 2015). Cognitive costs of two different emotion regulation strategies in younger children. Bachelor of Science in Psychology, University of Luxembourg.
- Schnadt, S. (July, 2014). La regulation des émotions chez des enfants atteints d'un trouble du spectre autistique. Bachelor of Science in Psychology, University of Luxembourg.