

Curriculum Vitae

Dr. Andreia Pinto Costa

(PhD, MSc in Psychology)

Institute for Health and Behaviour – RU INSIDE - FLSHASE

Phone: (+352) 46 66 44 96 93

Email: andreia.pintocosta@uni.lu

[web page at uni.lu](#)

Professional Experience

- 11/2018-10/2023 **Elected member of the University Council**; representative of the FLSHASE assistants-chercheurs, Université du Luxembourg, Luxembourg
- 07/2017, unlimited **Authorization to manage research projects** (autorisation à diriger des projets – ADP), FLSHASE, Université du Luxembourg, Luxembourg
- Since 09/2017 **Deputy course director Bachelor Scientifique en Psychologie** (BAP), FLSHASE, Université du Luxembourg, Luxembourg
- Since 02/2016 **Research Associate** (collaborateur de recherche)
 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, Université du Luxembourg
- Since 2013 **Laboratory Administrator** Psychological Assessment and Testing Laboratory (PAT-LAB; Head: Prof. G. Steffgen), INSIDE/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, Université du Luxembourg

Higher Education

- 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; Grading: 16/20 (equivalent to “B”)
- 07/2009 **Internship in Experimental Psychology**
 University of Minho, Portugal
 Laboratory: Animal Learning and Behavior Lab
 Coordinator: Prof. Dr. Armando Machado; Grading: 18/20 (equivalent to “A”)
- 07/2007 **BSc in Psychology**
 University of Minho, Portugal; Grading: 16/20 (equivalent to “B”)

Research Grants

- ProCRob I **Programming Cognitive Robots – I**
 08/2015-05/2016 – team member
- ProCRob II **Programming Cognitive Robots – II**
 06/2016-12/2017 – team member
- ProCRob III **Programming Cognitive Robots – III**
 12/2017-07/2018 – team member

Publications

- Costa, A. P., Steffgen, G., & Vögele, C. (in press). The role of alexithymia in parent-child interaction and in the emotional ability of children with autism spectrum disorder. *Autism Research*. doi:10.1002/aur.2061
- 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. & 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
- 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>
- 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*, 1-14. 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
- 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.
- Costa A.P., Steffgen G., & Samson A.C. (2018). *The role of alexithymia in emotional reactivity and regulation in children with autism spectrum disorder*. Manuscript submitted for publication.
- Costa A.P., Steffgen G., & Vögele C. (2018). *Parental Interaction with Typically Developing Children and Differences to Parents of Children with ASD*. Manuscript submitted for publication.

Conference Presentations

- 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. *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., 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>
- 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. & 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.
- 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)
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

Current Teaching Activities

Bachelor in Psychology - University of Luxembourg

- Lecture: Introduction au Diagnostic Psychologique [Introduction to Psychological Assessment]
- Seminar: Wissenschaftliches Arbeiten [Research Tools]
- Seminar: Experimentalpraktikum [Experimental Methods]
- Supervision: supervision of Bachelor theses

Master in Psychological Intervention - University of Luxembourg

- Lecture: Emotion Regulation in Social Contexts
- Supervision: supervision of Master's theses