







Last update: March 2020

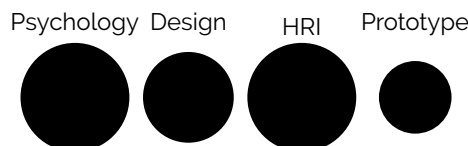
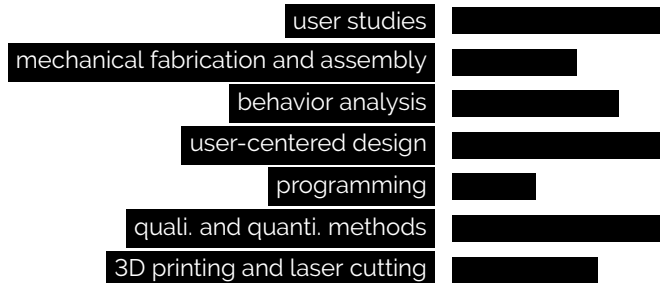
PATRÍCIA ALVES-OLIVEIRA

human-robot interaction

I study Human-Robot Interaction and I am passionate about designing and evaluating human-centric and long-term envisioned interactions with robots. My research lies at the intersection of psychology, design research, and engineering-related fields. I am skilled in robot behavior design, interaction design, user-centered design, user studies, prototyping, qualitative and quantitative methods and analysis, etc.

 patricialvesoliveira.com
 paoas@iscte-iul.pt
 Lisbon, Portugal

 patricialvesoliveira
 patricia-alves-oliveira
 @p_alvesoliveira



EDUCATION

- | | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 2020 (upcoming) | Postdoctoral Research Associate Human-Robot Interaction | USA |
| | <ul style="list-style-type: none">- University of Washington, Seattle.- Human-Centered Robotics Lab- PIs: Maya Cakmak | |
| 2015 – 2020 | PhD Human-Robot Interaction | Portugal and the USA |
| | <ul style="list-style-type: none">- Multidisciplinary international PhD program supported by Foundation for Science and Technology of Portugal (FCT) under grant SFRH/BD/110223/2015.- ISCTE-IUL (Institute of Social Studies, Dept of Psychology), INESC-ID (Institute for Systems and Computer Engineering-Research and Development, CS Dept), and Cornell University (Mech. Eng. Dept)- PIs: Patrícia Arriaga, Ana Paiva, and Guy Hoffman- Thesis: "Boosting creativity in children through interactions with social robots" | |
| 2010 – 2012 | MSc Psychology | Portugal |
| | <ul style="list-style-type: none">- University of Aveiro- Master in Clinical and Health psychology- PI: Sandra Soares- Thesis: "Body odors and human sexuality" | |
| 2006 – 2009 | BA Psychological Sciences | Portugal |
| | <ul style="list-style-type: none">- Higher Institute of Applied Psychology (ISPA)- BA in Psychological Sciences | |

LANGUAGES

Portuguese - native
English - proficient
Italian - proficient
Spanish - basic

HOBBIES

Classic ballet dancer
Plastic arts explorer
Nature lover
Avid reader

PLACES I HAVE LIVED

Frankfurt, Germany
Lisbon, Portugal
Ithaca, NY, USA
Venice, Italy

RESEARCH EXPERIENCE

2015 – present webpage	The Robot-Creativity Project This project seeks to create robots and other types of autonomous technologies, capable of interacting with people with the ultimate goal of stimulating their creativity. This project was created in the scope of my PhD studies. Involved institutions: CIS-IUL Lab (Centre for Social Research and Intervention) from ISCTE-IUL (Lisbon, Portugal), GAIPS Lab (Group on Artificial Intelligence for People and Society) from Instituto Superior Técnico (Lisbon, Portugal), and HRC2 Lab (Human-Robot Collaboration & Companionship lab) from Cornell University (Ithaca, NY, USA).	Founder
Jul – Aug 2017 webpage	IDC Media Innovation Lab (miLAB), Herzliya, Israel Learning new methods for hardware prototyping and fabrication. Supervised by Oren Zuckerman and Guy Hoffman.	Summer Intern
2016 – 2018 webpage	AMIGOS (Affect Modeling for robots In GrOup Social interactions) This project investigates the role of emotions and adaptation in interactions between groups of robots and a group of users, contrasting to the typical one-robot one-user paradigm in HRI. Involved institution: Instituto Superior Técnico (Portugal), ISCTE-IUL (Portugal)	Grad Research Assistant
2014 – 2016 webpage	Co-writer This project aims at exploring how a robot can help children with the acquisition of handwriting, using the "learning by teaching paradigm" in which the children are the teachers who help the robot to better write. Involved institutions: EPFL (Switzerland), Instituto Superior Técnico (Portugal)	Grad Research Assistant
2014 – 2016 webpage	PARCEIRO This projects aims to promote social interaction where the same physical space between humans and robots is shared, enhancing new ways of interacting with technology. Involved institution: Instituto Superior Técnico (Portugal)	Grad Research Assistant
2013 – 2016 webpage	EMOTE (EMbodied-perceptive Tutors for Empathy-based learning) FP7 European Project that aimed to design, develop, and evaluate a new generation of artificial embodied tutors that have perceptive capabilities to engage in empathic interactions with learners in a shared physical space with the goal of increasing learning on school curricular topics. Involved institutions: Heriot-Watt University (Scotland), Jacobs University (Germany), University of Gothenburg (Sweden), University of Birmingham (UK), University of Sunderland (UK), Instituto Superior Técnico (Portugal)	Grad Research Assistant

AWARDS

2019	Scientific award Recognition for original scientific articles published on indexed journals with high impact factor.	Funded by ISCTE-IUL, EUR 400
2018	Scientific award Recognition for original scientific articles published on indexed journals with high impact factor.	Funded by ISCTE-IUL, EUR 4.329,77
2018	Best poster and presentation award "Interactive cars and beyond"	BMW Summer School
2017	Best serious game award "CUBUS – Virtual environment for creativity stimulation in children"	Serious Games Society
2016	Best design paper award "Discovering social interaction strategies for robots from restricted-perception WoZ studies"	International Conference on Human-Robot Interaction, HRI
2016	Best video award nomination "SUECA – Building a social robot as a game companion in a card game" – 2nd place	International Conference on Human-Robot Interaction, HRI
2016	Honorable mention Presentation of my PhD project	XII PhD Meeting in Social and Organizational Psychology

FELLOWSHIPS

2017 – 2018	Graduate visiting student fellowship Funded by the Sibley School of Mechanical & Aerospace. Duration of 3 semesters.	Cornell University
2015 – 2020	Graduate fellowship Funded by the Portuguese Foundation for Science, Technology, and Innovation (FCT).	Proj. ref. SFRH/BD/110223/2015, EUR 47.040

2013 – 2015

European graduate fellowship
Funded by the European Project EMOTE

Overall budget: EUR 3.707,952

GRANTS

2020	Ada Lovelace Fellow Grant to support my travel expenses to the Open Hardware Summit.	New York City, USA
2019	Dagstuhl Seminar Invited participant at the Dagstuhl Seminar "Social Agents for Teamwork and Group Interactions."	Dagstuhl, Germany
2019	RSS Women in Robotics Awarded funding to attend RSS (Robotics: Science and Systems Conference) main conference and to the RSS Women in Robotics workshop.	Freiburg, Germany
2019	RSS Pioneers travel grant Awarded funding to attend RSS Pioneers workshop and main conference. RSS Pioneers is a selective workshop that fosters collaborations and mentorship in the fields of robotics and HRI.	Freiburg, Germany
2018	MIT Media Lab "Signal & Noise" travel grant Award funding to attend to the MIT Media Lab Berlin, a week-long prototyping workshop that engages academics and artists in hands-on collaborations about machines, design, and humans.	Berlin, Germany
2018	BMW Summer School "Intelligent Cars on Digital Roads" travel grant Awarded funding to attend to the BMW Summer School. This summer school provided opportunities for collaborations between academics and industry.	Munich, Germany
2016	HRI Pioneers travel grant Awarded funding to attend the HRI (International Conference on Human-Robot Interaction) Pioneers workshop and main conference. HRI Pioneers is a selective workshop aimed at fostering collaborations between students working on HRI.	Christchurch, New Zealand

TEACHING

Fall 2016, Fall 2019 website	Instituto Superior Técnico (Technical Institute of Lisbon, IST) - Course: Social robots and human-robot interaction. - Prepared and gave lectures; mentored team projects.	Teaching assistant
Spring 2016 website	ISCTE-IUL, Institute of Social Studies - Course: Learning, motivation and emotions - Course: Academic competencies II - Graded assignments and exams.	Teaching assistant

DOCTORAL CONSORTIA

2019	DC4. Patrícia Alves-Oliveira , Ana Paiva, Patrícia Arriaga, and Guy Hoffman. "Social robots for creativity stimulation in children" RSS Pioneers (Robotics: Science and Systems Conference), Freiburg, Germany.
2019	DC3. Participant in the doctoral consortium at the INGRoup conference.
2017	DC3. Patrícia Alves-Oliveira , Ana Paiva, Patrícia Arriaga, and Guy Hoffman. "The Robot-Creativity Project" Doctoral Consortium at IDC (Interaction Design for Children Conference). Palo Alto, CA, USA.
2016	DC1. Patrícia Alves-Oliveira , Patrícia Arriaga, Guy Hoffman, and Ana Paiva. "Boosting children's creativity through creative interactions with social robots" HRI Pioneers Workshop (International Conference on Human-Robot Interaction). Christchurch, New Zealand.

BOOK CHAPTERS

- 2019 B2. *Kim Baraka, ***Patrícia Alves-Oliveira**, and Tiago Ribeiro. "An extended framework for characterizing social robots. In Evaluation Methods Standardization in Human-Robot Interaction" arXivpreprint arXiv:1907.09873.(Submitted toSpringer Nature Switzerland. The book will be published online in April 2020). *The authors contributed equally to this work.
- 2016 B1. Filipa Correia, Sofia Petisca, Samuel Mascarenhas, Ana Paiva, and **Patrícia Alves-Oliveira**. "Towards more humane machines: Creating emotional social robots" In S. G. Silva (Eds), *New Interdisciplinary Landscapes in Morality and Emotion*, Chapter 9.

JOURNAL ARTICLES

- 2020 J11. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Ana Paiva, and Guy Hoffman. "Children as Robot Designer" *CoDesign Journal* (under review)
- 2020 J10. **Patrícia Alves-Oliveira**, Raquel Oliveira, Patrícia Arriaga, Ana Paiva, and Carlos Martinho. "CUBUS – A Digital Tool for Social Creativity Inspiration in Children" *International Journal of Human-Computer Interaction* (under review)
- 2020 J9. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Guy Hoffman, and Ana Paiva. "Creativity landscapes: A systematic review spanning 68 years of research on creativity interventions for children" *Creativity Research Journal* (under review)
- 2020 J8. **Patrícia Alves-Oliveira**, Samuel Gomes, Ankita Chandak, André Pires, Patrícia Arriaga, Guy Hoffman, and Ana Paiva. "Software architecture for YOLO, a creativity-stimulating robot" *SoftwareX Journal* (Decision: revise and resubmit)
- 2019 J7. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Ana Paiva, and Guy Hoffman. "Guide to build YOLO, a creativity-stimulating robot for children." *HardwareX Journal*, 6(e00074), doi:10.1016/j.ohx.2019.e00074
- 2019 J6. Jean-Christophe Giger, Nuno Piçarra, **Patrícia Alves-Oliveira**, Raquel Oliveira, and Patrícia Arriaga. "Humanization of robots: Is it really such a good idea?" *Human Behavior and Emerging Technologies Journal*, 1(2), 111-123. doi:10.1002/hbe2.147
- 2019 J5. **Patrícia Alves-Oliveira**, Pedro Sequeira, Francisco S. Melo, Ginevra Castellano, and Ana Paiva. "Empathic robot for group learning: A field study" Transactions on Human-Robot Interaction. [Invited presentation at the HRI Conference](#)
- 2018 J4. Filipa Correia, Sofia Petisca, **Patrícia Alves-Oliveira**, Tiago Ribeiro, Francisco S. Melo, and Ana Paiva. "I choose... YOU!" Membership preferences in human-robot teams" *Autonomous Robots*. [Invited Submission to the journal](#)
- 2018 J3. **Patrícia Alves-Oliveira**, Joana Carvalho, Jacqueline Ferreira, Laura Alho, Pedro Nobre, Mats J. Olsson, and Sandra Soares. "Influence of body odors and gender on perceived genital arousal" *Archives of Sexual Behavior*
- 2017 J2. Sofia Serholt, Wolmet Barendregt, Asimina Vasalou, **Patrícia Alves-Oliveira**, Aidan Jones, Sofia Petisca, and Ana Paiva. "The case of classroom robots: Teachers' deliberations on the ethical tensions" *AI & SOCIETY*
- 2015 J1. Joana Campos, **Patrícia Alves-Oliveira**, and Ana Paiva. "Looking for conflict: Gaze dynamics in a dyadic mixed-motive game" *Autonomous Agents and Multi-Agent Systems*

PEER-REVIEWED CONFERENCE PROCEEDINGS

Note: In the research fields that intersect psychology and engineering, the most prestigious publication venues are rigorously peer-reviewed academic conference proceedings rather than journals. "The ACM/IEEE Human-Robot Interaction Conference (HRI)" is considered to be the top conference in the broader field of human-robot interaction, and the "Robotics: Science and Systems Conference (RSS)" is considered to be the top conference in the field of robotics.

- 2020 C23. **Patricia Alves-Oliveira**, Patricia Arriaga, Matt Cronin, Guy Hoffman, and Ana Paiva. "Creative encounters between children and robots" 14th ACM/IEEE International Conference on Human-Robot Interaction, HRI.
- 2019 C22. Christoforos I. Mavrogiannis, Alena M. Hutchinson, John Macdonald, **Patricia Alves-Oliveira**, and Ross A. Knepper. "Effects of distinct robot navigation strategies on human behavior in a crowded environment" 14th ACM/IEEE International Conference on Human-Robot Interaction, HRI
- 2018 C21. Raquel Oliveira, Patricia Arriaga, **Patricia Alves-Oliveira**, Filipa Correia, Sofia Petisca, and Ana Paiva. "Friends or foes? Socioemotional support and gaze behaviors in mixed groups of humans and robots" 13th ACM/IEEE International Conference on Human-Robot Interaction, HRI
- 2017 C20. Miguel Faria, Rui Silva, **Patricia Alves-Oliveira**, Francisco S. Melo, and Ana Paiva. "'Me and you together.' Movement impact in multi-user collaboration tasks" IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS
- 2017 C19. André Pires, **Patricia Alves-Oliveira**, Patricia Arriaga, Carlos Martinho. "CUBUS: Autonomous embodied characters to stimulate creative idea generation in groups of children" International Conference on Intelligent Virtual Agents, IVA
- 2017 C18. Filipa Correia, **Patricia Alves-Oliveira**, Tiago Ribeiro, Francisco S. Melo, and Ana Paiva. "A social robot as a card game player" 13th AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment, AIIDE
- 2017 C17. Filipa Correia, Sofia Petisca, **Patricia Alves-Oliveira**, Tiago Ribeiro, Francisco S. Melo, and Ana Paiva. "Groups of humans and robots: Understanding membership preferences and team formation" 13th Robotics: Science and Systems, RSS
- 2016 C16. Sofia Serholt, Wolmet Barendregt, Dennis Küster, Aidan Jones, **Patricia Alves-Oliveira**, and Ana Paiva. "Students' normative perspectives on classroom robots" What Social Robots Can and Should Do: Proceedings of Robophilosophy/TRANSOR
- 2016 C15. Beatriz Q. Ferreira, Kelly Karipidou, Filipe Rosa, Sofia Petisca, **Patricia Alves-Oliveira**, and Ana Paiva. "A study on trust in a robotic suitcase" 8th International Conference on Social Robotics, ICSR
- 2016 C14. Beatriz Bernardo, **Patricia Alves-Oliveira**, M. G. Santos, Francisco S. Melo, and Ana Paiva. "An interactive tangram game for children with autism" 16th International Conference on Intelligent Virtual Agents, IVA
- 2016 C13. Miguel Faria, Andrea Costigliola, **Patricia Alves-Oliveira**, and Ana Paiva. "Follow me: Communicating intentions with a spherical robot" 25th International Symposium on Robot and Human Interactive Communication, RO-MAN
- 2016 C12. Filipa Correia, **Patricia Alves-Oliveira**, Nuno Maia, Tiago Ribeiro, Sofia Petisca, Francisco S. Melo, and Ana Paiva. "'Just follow the suit!' Trust in human-robot interactions during card game playing" 25th International Symposium on Robot and Human Interactive Communication, RO-MAN
- 2016 C11. **Patricia Alves-Oliveira**, Pedro Sequeira, and Ana Paiva. "The role that an educational robot plays" 25th International Symposium on Robot and Human Interactive Communication, RO-MAN

- 2016 C10. Sofia Petisca, João Dias, **Patrícia Alves-Oliveira**, and Ana Paiva. "Emotional sharing behavior for a social robot in a competitive setting" 25th International Symposium on Robot and Human Interactive Communication, RO-MAN
- 2016 C9. Shruti Chandra, **Patrícia Alves-Oliveira**, Séverin Lemaignan, Pedro Sequeira, Ana Paiva, and Pierre Dillenbourg. "Children's peer assessment and self-disclosure in the presence of an educational robot" 25th International Symposium on Robot and Human Interactive Communication, RO-MAN
- 2016 C8. Pedro Sequeira, **Patrícia Alves-Oliveira**, Tiago Ribeiro, Eugenio Di Tullio, Sofia Petisca, Francisco S. Melo, Ginevra Castellano, and Ana Paiva. "Discovering social interaction strategies for robots from restricted-perception wizard-of-oz studies" 11th ACM/IEEE International Conference on Human-Robot Interaction, HRI. **Best Design Paper Award**
- 2016 C7. Hang Yin, **Patrícia Alves-Oliveira**, Francisco S. Melo, Aude Billard, and Ana Paiva. "Synthesizing robotic handwriting motion by learning from human demonstrations" 25th International Joint Conference on Artificial Intelligence, IJCAI
- 2015 C6. Shruti Chandra, **Patrícia Alves-Oliveira**, Séverin Lemaingam, Pedro Sequeira, Ana Paiva, and Pierre Dillenbourg. "Can a child feel responsible in the presence of a robot in a collaborative learning activity?" 24th IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN
- 2015 C5. Aidan Jones, Dennis Kuster, Christina A. Basedow, **Patrícia Alves-Oliveira**, Sofia Serholt, Helen Hastie, Lee J. Corrigan, Wolmet Barendregt, Arvid Kappas, Ana Paiva, and Ginevra Castellano. "Empathic robotic tutors for personalised learning: A multidisciplinary approach" 7th International Conference on Social Robotics, ICSR
- 2015 C4. Mohammad Obaid, Wolmet Barendregt, **Patrícia Alves-Oliveira**, Ana Paiva, Morten Fjeld. "Designing robotic teaching assistants: Interaction design students' and children's views" 7th International Conference on Social Robotics, ICSR
- 2015 C3. **Patrícia Alves-Oliveira**, Sofia Petisca, Filipa Correia, Nuno Maia, and Ana Paiva. "Social robots for older adults: Framework of activities for aging in place with robots" 7th International Conference on Social Robotics, ICSR
- 2015 C2. **Patrícia Alves-Oliveira**, Tiago Ribeiro, Sofia Petisca, Eugenio Di Tullio, Francisco S. Melo, and Ana Paiva. "Empathic robotic tutor for school classrooms: Considering expectation and satisfaction of children as end-users" 7th International Conference on Social Robotics, ICSR
- 2014 C1. **Patrícia Alves-Oliveira**, Srini Janarthanam, Ana Candeias, Amol Deshmukh, Tiago Ribeiro, Helen Hastie, Ana Paiva, and Ruth Aylett. "Towards dialogue dimensions for a robotic tutor in collaborative learning scenarios" 23rd IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN

PEER-REVIEWED EXTENDED ABSTRACTS, VIDEOS, AND WORKSHOP PAPERS

- 2019 A4. Hee Rin Lee, EunJeong Cheon, Maartje de Graaf, **Patrícia Alves-Oliveira**, Cristina Zaga, and James Young. "Robots for social good: Exploring critical design for HRI" ACM/IEEE International Conference on Human-Robot Interaction, HRI
- 2018 A3. **Patrícia Alves-Oliveira**, Ankita Chandak, Ian Cloutier, Priyanka Kompella, Peter Moegenburg, and André Pires. "YOLO – A robot that will make your creativity BOOM" ACM/IEEE International Conference on Human-Robot Interaction, HRI
- 2017 A2. **Patrícia Alves-Oliveira**, Patricia Arriaga, Ana Paiva, and Guy Hoffman. "YOLO, a robot for creativity: A co-Design study with children" Conference on Interaction Design and Children, IDC

- 2017 A1. Wolmet Barendregt, Sofia Serholt, Arvid Kappas, Christina Basedow, Ana Paiva, **Patrícia Alves-Oliveira**, Asimina Vasalou, and Carl Heath. "Child-robot interaction: Social bonding, learning and ethics" Interaction Design for Children, IDC
- 2020 V4. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Ana Paiva, and Guy Hoffman. "YOLO – Your Own Living Object" 15th ACM/IEEE International Conference on Human-Robot Interaction, HRI [video]
- 2016 V3. Filipa Correia, Tiago Ribeiro, **Patrícia Alves-Oliveira**, Nuno Maia, Francisco S. Melo, and Ana Paiva. "SUECA – Building a social robot as a game companion in a card game" 11th ACM/IEEE International Conference on Human-Robot Interaction, HRI [video] **Nomination Best Video Award**
- 2016 V2. Lynne Hall, Colette Hume, Sarah Tazzyman, Amol Deshmukh, Srini Janarthanam, Helen Hastie, Ruth Aylett, Ginevra Castellano, Fotios Papadopoulos, Aidan Jones, Lee Corrigan, Ana Paiva, **Patrícia Alves-Oliveira**, Tiago Ribeiro, Wolmet Barendregt, Sofia Serholt, Arvid Kappas, and Lee J. Corrigan. "Map reading with an empathic robot tutor" 11th ACM/IEEE International Conference on Human-Robot Interaction, HRI [video]
- 2015 V1. Tiago Ribeiro, **Patrícia Alves-Oliveira**, Eugenio Di Tullio, Sofia Petisca, Pedro Sequeira, Amol Deshmukh, Srini Janarthanam, Mary Ellen Foster, Aidan Jones, Lee J. Corrigan, Fotios Papadopoulos, Helen Hastie, Ruth Aylett, Ginevra Castellano, and Ana Paiva. "The empathic robotic tutor: Featuring the NAO robot" 10th Annual ACM/IEEE International Conference on Human-Robot Interaction, HRI [video]
- 2019 W8. **Patrícia Alves-Oliveira**, Silvia Tulli, Philipp Wilken, Ramona Merhej, João Gandum, and Ana Paiva. "Sparking creativity with robots: A design perspective" In: Robots for social good: Exploring critical design for HRI workshop at 14th ACM/IEEE International Conference on Human-Robot Interaction, HRI. Deagu, South Korea
- 2018 W7. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Guy Hoffman, and Ana Paiva. "YOLO: A robot designed to boost creativity in children" In: User-centred methods in human-robot interaction workshop at International Conference on Intelligence Robots, IROS. Madrid, Spain
- 2017 W6. André Pires, **Patrícia Alves-Oliveira**, and Carlos Martinho. "A big applause for CUBUS: A virtual sandbox to stimulate ideas in children" In: Co-creation workshop at International Conference on Computational Creativity, ICCO. Atlanta, Georgia, USA
- 2017 W5. **Patrícia Alves-Oliveira**, Patrícia Arriaga, Guy Hoffman, and Ana Paiva. "Multiple robots for multiple children: Co-designing movement for robots with personality." In: Groups in human-robot interaction workshop at International Symposium on Robot and Human Interactive Communication, RO-MAN. Lisbon, Portugal
- 2017 W4. Filipa Correia, Patrícia Arriaga, Sofia Petisca, **Patrícia Alves-Oliveira**, Raquel Oliveira, Samuel Mascarenhas, Iolanda Leite, Francisco S. Melo, and Ana Paiva. "Groups of humans and robots: The AMIGOS project" In: Groups in human-robot interaction workshop at International Symposium on Robot and Human Interactive Communication, RO-MAN. Lisbon, Portugal
- 2015 W3. **Patrícia Alves-Oliveira**, and Ana Paiva. "Challenges in child-robot interaction: The cases of two research projects" In: Child-robot interaction: Research, methodology, and best practices workshop at International Conference on Social Robotics, ICSR. Paris, France
- 2014 W2. Tiago Ribeiro, André Pereira, Eugenio Di Tullio, **Patrícia Alves-Oliveira**, and Ana Paiva. "From Thalamus to Skene: High-level behavior planning and managing for mixed-reality characters" In: Architectures and standards for IVAs workshop at Intelligence Virtual Agents, IVA. Boston, MA, USA
- 2014 W1. **Patrícia Alves-Oliveira**, Sofia Petisca, Srini Janarthanam, Helen Hastie, and Ana Paiva. "'How do you imagine robots?' Children's expectations about robots" In: Social bonding, learning, and ethics workshop at Interaction Design for Children, IDC. Aarhus, Denmark

TECHNICAL REPORTS

- 2020 TR6. **Patrícia Alves-Oliveira**, Elisabeth André, Tony Belpaeme, Filipa Correia, Kobi Gal, James Kennedy, Iolanda Leite, Catharine Oertel, André Pereira. "Working Group on Datasets with Humans and Agents in Groups." Report from Dagstuhl Seminar 19411
- 2020 TR5. **Patrícia Alves-Oliveira**, Mary Ellen Foster, Hatice Gunes, Sviatlana Höhn, Franziska Kirstein, Andrea Marrella, Mark Neerincx, Michio Okada, Ana Paiva, Elisabeth Sklar, Hannes Högni Vilhjálmsson "Working Group on Scenarios for Human-Agent and Human-Robot Groups." Report from Dagstuhl Seminar 19411
- 2017 TR4. **Patrícia Alves-Oliveira**, Richard G. Freedman, Dan Grollman, Laura Herlant, Laura Humphrey, Fei Liu, Ross Mead, Frank Stein, Tom Williams, and Shomir Wilson. "Reports on the 2016 AAAI Fall Symposium Series." AI Magazine
- 2016 TR3. **Patrícia Alves-Oliveira**, Dennis Küster, Arvid Kappas, and Ana Paiva. "Psychological science in HRI: Striving for a more integrated field of research" Artificial Intelligence and Human-Robot Interaction Symposium, AI-HRI, AAAI Fall Symposium Series. Arlington, VA, USA
- 2015 TR2. **Patrícia Alves-Oliveira**, Pedro Sequeira, Eugenio Di Tullio, Sofia Petisca, Carla Guerra, and Ana Paiva. "It's amazing we are all feeling it! Emotional climate as a group-level emotional expression in HRI" Artificial Intelligence and Human-Robot Interaction Symposium, AI-HRI, AAAI Fall Symposium Series. Arlington, VA, USA
- 2015 TR1. **Patrícia Alves-Oliveira**, Eugenio Di Tullio, Tiago Ribeiro, and Ana Paiva. "Meet me halfway: Eye-behaviour as an expression of robot's language" Artificial Intelligence and Human-Robot Interaction Symposium, AI-HRI. AAAI Fall Symposium Series. Arlington, VA, USA

MENTORING

- 2015 **Filipa Correia** **Master student, Instituto Superir Técnico, Universidade de Lisboa**
Fall and Spring semesters
- Thesis: "Emys: A social robot that plays sueca"
- Co-author in C3, C12, C18, V3
- 2016 **Miguel Faria** **Master student, Instituto Superir Técnico, Universidade de Lisboa**
Fall and Spring semesters
- Thesis: "Me and you together: Collaboration between a robot and a human in a manipulation game"
- Co-author in C13, C20
- 2017 **André Pires** **Master student, Instituto Superir Técnico, Universidade de Lisboa**
Fall and Spring semesters
- Thesis: "Synthetic characters for creative child-computer interaction"
- Co-author in C19, W9, Best Serious Game Award

OUTREACH

- 2019 **Creative Mornings** **Lisbon, Portugal**
website
Invited speaker where I presented The Robot-Creativity Project.
- 2018 **European Researchers' Night** **Lisbon, Portugal**
website
Organized activities for families and friends to interact with the social autonomous robot YOLO, the robot I have designed and fabricated in the scope of The Robot-Creativity Project.
- 2018 **Kid's Science Day** **Cornell University, Ithaca, NY, USA**
Conducted interactive demos with a social robot followed by activities that engaged children in STEAM-related content.
- 2018 **RAW Exhibition at Medium Design Collective** **Cornell University, Ithaca, NY, USA**
Showcased the process of designing and fabricating a social robot to the general public.

2017

European Researchers' Night

Lisbon, Portugal

Conducted an interactive demo of a robot that played tangram games.

SERVICE AND LEADERSHIP

2020
website

Late-Breaking Reports Chair

- International Conference on Human-Robot Interaction, HRI
- Cambridge, UK

2020
website

General Chair

- RSS Pioneers
- Oregon State University in Corvallis, OR, US

2019
website

Human-Robot Interaction Reading Group Organizer

- Instituto Superior Técnico
- Lisbon, Portugal

2019
website

Workshop Organizer "Robots for social good: Exploring critical design for HRI"

- International Conference on Human-Robot Interaction, HRI
- Deagu, South Korea

2017
website

Volunteer

- Interaction Design for Children Conference, IDC
- Palo Alto, CA, USA

2017
website

Local Arrangement Chair

- Summer School on Social Human-Robot Interaction
- Alentejo, Portugal

2017
website

PC Chair

- HRI Pioneers
- Vienna, Austria

2016
website

Volunteer

- International Conference on Human-Robot Interaction, HRI
- Christchurch, New Zealand

2016
website

PC Chair

- AAAI Fall Symposium Artificial Intelligence for Human-Robot Interaction (AI-HRI)
- Arlington, VA, USA

2016
website

PC Chair

- XII PhD Meeting in Social and Organizational Psychology
- Lisbon, Portugal

2014

Workshop Organizer "Child-robot interaction: Social bonding, learning and ethics"

- Interaction Design for Children Conference, IDC
- Aarhus, Denmark

REVIEWING

Journals

International Journal of Social Robotics (IJSR); International Journal of Child-Computer Interaction (IJCCI); Interaction Studies, Frontiers in Robotics and AI; Frontiers in Psychology

Conferences

CHI; HRI; IDC; RSS; ICRA; CSCW; ICMI; ACII; TEI; CHIPLAY; HAI; RO-MAN; ICSR

Additional

- Recognized for Excellence in Reviewing CHI 2018
- Accepted in the CSCW 2019 Student-Reviewer Mentor Program
- I perform between 15-20 reviews per year. More details available in my Publons profile [\[link\]](#).

MEDIA COVERAGE

- 2020 **Robohub**
Interviewed by Robohub Podcast about my PhD dissertation work, in English [episode link]
- 2018 **Love at first download**
By GQ Magazine. Online and print, in Portuguese [link]
- 2018 **Making anything into a new musical instrument**
By MIT Media Lab Berlin. Online [link]
- 2017 **Reflections about researchers living outside Portugal**
By Fundação Francisco Manuel dos Santos. Online, in Portuguese [link]
- 2015 **Portugal National news about selected European projects**
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