Adriana ȚĂPUȘ

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Education

Ph.D, Computer Science – Mobile Robotics, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. October 2005. Thesis advisor: Prof. Roland Siegwart. Thesis Committee: Prof. Roland Siegwart, Prof. Dario Floreano, Prof. Raja Chatila and Prof. Pierre Bessière.

M.S., Computer Science, Joseph Fourier University, Grenoble, France. July 2002. Advisor : Prof. Olivier Aycard.

Engineer in Computer Science, Politehnica University of Bucharest, Bucharest, Romania. September 2003 (September 1998 - September 2003; transferred to Joseph Fourier University in September 1999).

B.S. with Honors, Computer Science, Joseph Fourier University, Grenoble, France. July 2001.

Research Experience

October 2014 – Present: Vice Provost for INTERFACE Graduate School at University Paris Saclay (UPSaY), France

March 2012 – Present: *Full Professor*, Computer Science and System Engineering Department, École Nationale Supérieure de Techniques Avancées (ENSTA - ParisTech), France.

July 2011 – March 2013: *Associate Professor (Tenured – French Habilitation - HDR)*, Computer Science and System Engineering Department, École Nationale Supérieure de Techniques Avancées (ENSTA - ParisTech), France.

May 2009 – Present: *Adjunct Professor*, Pierre and Marie Curie University (UPMC), France.

May 2009 – July 2011: *Associate Professor*, Computer Science and System Engineering Department, École Nationale Supérieure de Techniques Avancées (ENSTA - ParisTech), France.

May 2009 – January 2011: *Research Associate*, Institute for Robotics and Intelligent Systems (IRIS), Pierre and Marie Curie University (UPMC), France.

December 2007 – May 2009: *Postdoctoral Research Associate*, University of Southern California, Robotics Research Laboratory/Interaction Lab, USA.

December 2005 – December 2007: *WiSE Postdoctoral Research Fellow*, University of Southern California, Robotics Research Laboratory/Interaction Lab, USA. Advisor: Prof. Maja Matarić.

> Developed new approaches for Human-Robot Interaction (HRI), especially for Socially Assistive Applications (i.e., for the elderly and post-stroke patients).

May 2006 – September 2006: *External Technical Advisor*, DARPA Urban Grand Challenge, California Institute of Technology (CALTECH) team, USA.

September 2002 – October 2005: Graduate Research Assistant, Ecole Polytechnique Fédérale de Lausanne (EPFL), Autonomous Systems Lab, Switzerland. Supervisor: Prof. Roland Siegwart.

> Developed a new methodology for topological mobile robots navigation based on a new paradigm: "fingerprint" of places, used as an approach to solve the localization, mapping, and SLAM problems. Involved in the European project BIBA (Bayesian Inspired Brain and Artifacts).

Teaching Experience

Since September 2014 – present: Responsible Pôle ISC – 3rd Year, ENSTA-ParisTech, France

September – November 2016: Course on Machine Learning for Robotics (24h), 3rd year at ENSTA-ParisTech, France.

October 2016: Course on Mobile Robot Localization and Navigation (16h), Master in Advanced Systems and Robotics, UPMC, France.

April 2016: ERASMUS Course on Trends in Human-Robot Interaction (22h), Master at University Politehnica of Bucharest, Romania.

October – November 2015: Course on Mobile Robot Localization and Navigation (16h), Master in Advanced Systems and Robotics, UPMC, France.

September – November 2015: Course on Companion Robots: Concepts and Techniques (16h), 3rd year at ENSTA-ParisTech, France.

April 2015: ERASMUS Course on Robotics (20h), Master at University Politehnica of Bucharest, Romania.

December 2014: Course on Dependability and HMI applied to Electrical Vehicles (4h), Master in Electrical Vehicle (MVE) at ENSTA-ParisTech, France.

November 2014: Course on Mobile Robot Localization and Navigation (16h), Master in Advanced Systems and Robotics, UPMC, France.

September – November 2014: Course on Companion Robots: Concepts and Techniques (16h), 3rd year at ENSTA-ParisTech, France.

April 2014: ERASMUS Course on Trends in Human-Robot Interaction (20h), Master at University Politehnica of Bucharest, Romania.

October – December 2013: Course on *Companion Robots: Concepts and Techniques (16h)*, 3rd year at ENSTA-ParisTech, France.

October - December 2013: Course on *Mobile Robot Localization and Navigation (16h)*, Master in Advanced Systems and Robotics, UPMC, France.

December 2012: Course on Dependability and HMI applied to Electrical Vehicles *(4h)*, Master in Electrical Vehicle (MVE) at ENSTA-ParisTech, France.

October – December 2012: Course on *Companion Robots: Concepts and Techniques (12h)*, 3rd year at ENSTA-ParisTech, France.

October - December 2012: Course on *Mobile Robot Localization and Navigation (16h)*, Master in Advanced Systems and Robotics, UPMC, France.

April 2012: ERASMUS Course on *Trends in Human-Robot Interaction (15h)*, 2nd and 3rd year at University Politehnica of Bucharest, Romania.

November 2011: Course on *Companion Robots: Concepts and Techniques (12h)*, 3rd year at ENSTA-ParisTech, France.

November 2011: Course on *Mobile Robot Localization and Navigation (4h)*, Master in Advanced Systems and Robotics, UPMC, France.

May 2011: ERASMUS Course on *Trends in Human-Robot Interaction (18h)*, 2nd and 3rd year at University Politehnica of Bucharest, Romania.

January 2011: Course on *Companion Robots: Concepts and Techniques (8h)*, 3rd year at ENSTA-ParisTech, France.

November 2010: Course on *Mobile Robot Localization and Navigation (4h)*, Master in Advanced Systems and Robotics, UPMC, France.

January 2010: Course on *Companion Robots: Concepts and Techniques (4h)*, 3rd year at ENSTA-ParisTech, France.

December 2009: Course on *Mobile Robot Localization and Navigation (4h)*, Master in Advanced Systems and Robotics, UPMC, France.

September 2009 – October 2009: Course on *Human-Robot Interaction for Assistive Applications (30h)*, Master in Mechatronic Systems for Rehabilitation, UPMC, France.

March 2004 – July 2004: *Teaching Assistant for Computing Systems Laboratory (48h)*, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. Prof. Yves Piguet.
> Graded laboratory work. Involved in weekly meetings to advise on designing and implementing projects with Khepera robots and helped students prepare presentations and project reports (class of 30 students).

March 2003 – July 2003: *Teaching Assistant for Computing Systems Laboratory (48h)*, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. Prof. Yves Piguet.

See above.

December 2002/2003/2004: *Teaching Assistant for Mobile Robots Laboratory (24h)*, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. Prof. Roland Siegwart.
Recitation hours. Prepared material mainly regarding POMDP (Partially Observable Markov Decision Processes), topological navigation and features extraction (class of 54 students).

Honors and Awards

2016	–	Award "25 women in robotics– 2016" - Robohub
2016	–	Finalist Best Student Paper Award FeDeV 2016
2016	–	Finalist Best Research Paper Award Handiversité 2016
2015	–	Best Student Paper Award FeDeV 2015
2015	–	Finalist JTCF Novel Technology Paper Award IROS 2015
2015	–	Finalist Best Paper Award CHI 2015
2015	–	Best Paper Award RAAD 2015
2013	–	Springer Outstanding Best Poster Paper Award Runner-Up CTS 2013
2012	–	Best Paper Award INCOM 2012
2010	–	**Romanian Academy Award "Tudor Tanasescu" for the contributions in assistive robotics**
2009	–	USC Women in Science and Engineering (WiSE) Travel Award
2008	–	USC Women in Science and Engineering (WiSE) Travel Award
2008	–	NSF Human-Robot Interaction Pioneers Workshop Travel Award
2007	–	AAAI Spring Symposia Travel Award
2007	–	USC Women in Science and Engineering (WiSE) Travel Award
2007	–	NSF Human-Robot Interaction Pioneers Workshop Travel Award
2006	–	USC Women in Science and Engineering (WiSE) Travel Award
2006	–	NSF Human-Robot Interaction Young Researchers Workshop Travel Award
2005-2007	–	USC Women in Science and Engineering (WiSE) Postdoctoral Fellowship
1998-2003	–	Romanian Governmental Merit-Based Fellowship
1999	–	Socrates-Erasmus Scholarship awarded to outstanding Politehnica University of Bucharest students.

Research Supervision

Current Postdoc Students Advisor:
- François Ferland (January 2015 – present)

Current PhD Students Advisor:
- Moad Kissai (February 2016 – present)
- Pierre-Henri Orefice (October 2015 – present)
- Roxana Agrigoroaie (September 2015 – present)

- Arturo Maya Cruz (October 2014 – present)
- Pauline Chevalier (December 2013 – December 2016)
- Arun Ramaswamy (October 2012 – present)
- Sean Andrist (January 2014 – May 2014) – Chateaubriand Fellowship
- Adrian Bostan (Octobre 2014 – present)

Ph.D. Thesis Committee Member:
- Yuxin Chen, ENSTA ParisTech, France (February 2017)
- Gennaro Raiola, ENSTA ParisTech, France (February 2017)
- Caroline Lesueur-Grand, University Cergy-Pontoise, France (January 2017)
- Anne Laure Mealier, University Claude Bernard Lyon I, France (December 2016)
- Brian Ravenet, Telecom ParisTech, France (December 2016)
- Sean Andrist, University of Wisconsin Madison, USA (July 2016)
- Luis V. Calderita, University of Extramadura, Spain (October 2015)
- Amir Aly, ENSTA-ParisTech, France (December 2014)
- Raphaël Rose-Andrieux, College de France, France (November 2014)
- Martin Stoelen, Universidad Carlos III de Madrid, Spain (July 2014)
- Luis Manso, University of Extramadura, Spain (July 2013)
- Mathieu Warnier, LAAS, Toulouse, France (December 2012)
- Mathieu Labbe, Sherbrooke University, Canada (December 2011)

Postdoc Students Advisor:
- Amir Aly (January 2015 – January 2016)
- Thi-Hai-Ha Dang (June 2012 – March 2014)
- Mustafa Suphi Erden (January 2010 – January 2011)

PhD Students Co-Advisor:
- Amir Aly (September 2010 – December 2014)
- Cong Zong (December 2008 – December 2010)
- Consuelo Granata (December 2008 – December 2010)
- Manuel Birlo (February 2010 – November 2011)

Masters Thesis Advisor:
- Radu Mihalcea (February 2017 – May 2017)
- Mihaela Sorostinean (February 2017 – August 2017)
- Roxana Lexutan (September 2014 - June 2015), "Voice-based Emotional State Detection"
- Victor Rakosi (April 2012 – December 2012), " Système de navigation et IHM pour véhicule hybride "
- Safia Nabil (April 2012 – December 2012), "Convergence IHM multimédia de la future gamme de véhicule Renault"

- Raluca-Elena Podiuc (March 2011 – August 2011), "The study of Self-Awareness in HRI"
- Erwan Renaudo (February 2011 – July 2011), "Arm Monitoring and Movement Visualization with a Motion Capture Device"
- Amir Aly (February 2010 – July 2010), "Study of Imitation for Children with Autism with a Mobile Robot "
- Nandeep Shah (January 2009 – May 2009), "Robust and Secure External Interface for Bandit Humanoid Robot: Design and Modeling "
- Alexandre Bur (February 2005 – June 2005), "Robot Navigation by Panoramic Vision and attention Guided Features"
- Stefan Heinzer (May 2003 – September 2003), "Robot Localization Based on a Bayesian Approach"

Undergraduate Project Advisor:
- Stefan-Dan Ciocarlan (February 2017 – May 2017)
- Adrian Ardeleanu (February 2017 – May 2017)
- Alexandru Lucescu (February 2016 – May 2016)
- Radu Mihalcea (February 2016 – May 2016)
- Mihaela Sorostinean (February 2015 – June 2015), "Human's physiological state monitoring with RGB-D and thermal cameras "
- Manea Flavian Costin (December 2014 – July 2015), "Learning and Adaptation of Interaction Parameters for a Natural HRI"
- Mihaela Sorostinean (March 2014 – June 2014), "Distributed Gaze Perception in a Receptionist Robot Scenario"
- Roxana Lexutan (March 2013 – June 2013), "Facial Action Units Detection
- Manel Driss (May 2012 – August 2012), "Develop a gesture system based on a motion capture and a camera Kinect"
- Joseph Zhou (June 2008 – August 2008), "Simple Head Movements and Nodding Detection by Using WATSON Application"
- Urmila Mahadev (September 2007 – February 2008), "Hands-off Therapist Robot in Clinical Trials"
- Helena Wotring (May 2006 – August 2006), "Tour Guide Robot: Human-Robot Interaction Interface"
- Leon Alexandre Berger (February 2005 – June 2005), "Extraction of Relative Geometric Information between Objects in a Scene"
- Jan Matter (February 2004 – June 2004), "Identification of Spatial Situations for an Autonomous Mobile Robot"
- Luc Dobler (October 2003 – February 2004), "Bayesian Programming Applied for Root Localization"
- Etienne Glauser (October 2002 – February 2003), "Topological Navigation with Vision and Range Data"

Service

Reviewer for Granting Agencies

European Commission FP7 and H2020
Israeli National Science Foundation
Austrian National Science Foundation
Bulgarian National Science Foundation
Canadian National Science Foundation
Ireland National Science Foundation

Reviewer for Professional Journals

Autonomous Robots
International Journal of Social Robotics
IEEE Transactions on Robotics
International Journal on Robotics Research (IJRR)
IEEE Robotics and Automation Magazine
IEEE Intelligent Systems
Interaction Studies
International Journal on Artificial Intelligence Tools (IJAIT)
Electronics and Telecommunications Research Institute Journal (ETRI)

Reviewer for Professional Conferences

IEEE International Conference on Robotics and Automation (ICRA)
IEEE/RSJ International Conference of Robots and Systems (IROS)
IFAC Symposium on Intelligent Autonomous Vehicles (IAV)
International Conference on Field and Service Robotics (FSR)
IEEE Intl. Symposium on Robot and Human Interactive Communication (RO-MAN)
IEEE Intl. Conference on Control, Automation, Robotics and Vision (ICARCV)
ACM/IEEE International Conference on Human-Robot Interaction (HRI)
International Conference on Informatics in Control, Automation, & Robotics (ICINCO)
IEEE International Conference on Rehabilitation Robotics (ICORR)
Robotics: Science and Systems (RSS)

Advisory Board

EU FP7 EMOTE project

Professional Affiliations

Member:
      IEEE Robotics and Automation
      IEEE Women in Engineering (WiE)
      Women in Robotics towards Human Science, Technology, and Society
      American Association for Artificial Intelligence (AAAI)
      Center for Robotics and Embedded Systems (CRES)

American Psychology Association (APA)

Research Working Groups

University Paris-Saclay (France):
  DIGICOSME Interactive Robotics
  Research Ethics Committees (RECs)
  FeDeV, Institute of Mouvement
  Interaction, part of the STIC Department

European Union:
  GT: Robot's Social Intelligence and Natural Interaction Capabilities with End
  User Development
  Ethical Issues for Cyberphysical Systems

Journal Editing Position

Associate Editor – IEEE Transactions on Cognitive and Developmental Systems (TCDS) - starting January 2016.

Associate Editor - International Journal of Social Robotics – starting 2012

Journal Editing

Guest co-editor (with Amir Aly, Griffiths Sascha, Stramandinoli Francesca, Nori Francesco), special issue of, December 2016 on Elsevier Robotics and Autonomous Systems (RAS), September 2016 on "Towards Intelligent Social Robots – Current Advances in Cognitive Robotics" (impact factor 1.256)

Guest co-editor (with Nicola Bellotto and Tom Duckett), special issue of Elsevier Robotics and Autonomous Systems (RAS), September 2016 on "European Conference on Mobile Robotics 2015" (impact factor 1.256)

Guest co-editor (with Cipriano Galindo and Oscar Martinez Mozos), special issue of *Journal of Biomedical and Health Informatics*, May 2014 on "Computer-Based Intelligent Technologies for Improving the Quality of Life"

Guest co-editor (with Maja Matarić), special issue of *Intelligent Service Robotics*, April 2008 on "Multidisciplinary Collaboration for Socially Assistive Robotics"

Guest co-editor (with Maja Matarić), special issue of *Autonomous Robots*, September 2007 on "Socially Assistive Robotics"

Guest co-editor (with Jim Ostrovski and Mark Yim), special issue of *IEEE Robotics and Automation Magazine (RAM),* Vol. 14, No. 1, March 2007 on "Grand Challenges in Robotics"

Conferences Organizing Committees

• Program Chair, Human-Robot Interaction Conference (HRI) 2018
• Program Committee, Human-Robot Interaction Conference (HRI) 2017
• Session Chair "Creating Expressive Robots", Human-Robot Interaction Conference (HRI) 2017
• Program Committee, HRI Pioneers Workshop 2017
• Program Committee, IEEE International Conference on Robotic Computing (ICRC) 2017
• Program Committee, International Workshop on Agent Technology for Ambient Intelligence (AgTAmI) 2017
• Program Committee, Workshop on Behavior Adaptation, Interaction and Learning for Assistive Robotics (BAILAR) 2017
• Associate Editor, IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN) 2017
• Editor, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2017
• General Chair, European Conference on Mobile Robotics (ECMR) 2017
• Associate Editor, IEEE Intl. Symposium on Robot and Human Interactive Communication (RO-MAN) 2016
• General Chair, International Conference on Social Robotics (ICSR) 2015
• Program Chair, European Conference on Mobile Robotics (ECMR) 2015
• Editor, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2015
• Associate Editor, IEEE International Conference on Robotics and Automation (ICRA) 2015
• Program Committee, Human-Robot Interaction Conference (HRI) 2015
• Program Committee, AISB Symposium on New Frontiers in Human-Robot Interaction, 2015
• Program Committee, 20th International Conference on Control Systems and Computer Science (CSCS) 2015
• Editor, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2014
• Special Area Chair, IEEE Intl. Symposium on Robot and Human Interactive Communication (RO-MAN) 2014
• Program Committee, Human-Robot Interaction Conference (HRI) 2014
• *Associate Editor*, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2013
• *Program Committee*, Human-Robot Interaction Conference (HRI) 2013
• *Program Committee*, Human-Robot Interaction Conference (HRI) 2012
• *Publication Chair*, Human-Robot Interaction Conference (HRI) 2012
• *Program Committee*, International Conference on Social Robotics (ICSR) 2011
• *Associate Editor*, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2011
• *Area Chair*, ACM 13th International Conference on Multimodal Interaction (ICMI 2011)
• *Associate Editor*, IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2011)

• *International Program Committee*, 5th European Conference on Mobile Robots (ECMR 2011)
• *Scientific Committee*, International Conference on Rehabilitation Robotics (ICORR) 2011
• *Steering Committee*, Human-Robot Interaction Conference (HRI) 2011 – Workshop Chair
• *General Chair*, IEEE-RAS/ IFRR School of Robotics Science on Social and Cognitive Robotics Interaction, 2010
• *Program Committee*, AISB Symposium on New Frontiers in Human-Robot Interaction, 2010
• *Steering Committee*, Human-Robot Interaction Conference (HRI) 2010 – Workshop Co-Chair (with Selma Sabanovic)
• *Technical Committee* on Robot Learning, IEEE Robotics and Automation Society
• *Program Committee*, Exploratory Workshop on Assistive and Recuperative Technologies for Injured, ill, Pregnant, Elderly and people with Disabilities 2009 (ARTIPED 2009)
• *Program Committee*, 8th IEEE International Conference on Development and Learning 2009 (ICDL 2009)
• *Associate Editor*, IEEE International Conference on Robotics and Automation (ICRA) 2009
• *Program Committee*, Human-Robot Interaction (HRI) Pioneer Workshop, part of the 4th Human-Robot Interaction Conference (HRI2009) 2009
• *Steering Committee*, Human-Robot Interaction Conference (HRI) 2009 – Local Organization Chair
• *Program Committee*, AISB Symposium on New Frontiers in Human-Robot Interaction, 2009
• *Program Committee*, 2008 International Conference on Intelligent Sensors, Sensor Networks & Information Processing (ISSNIP) 2008, Symposium on Human-Robot Interaction
• *Program Committee*, 5th International Conference on Informatics in Control, Automation, & Robotics (ICINCO) 2008
• *Program Committee*, IASTED International Conference on Assistive Technologies (AT) 2008
• *Steering Committee*, IEEE International Conference on Robotics and Automation (ICRA) 2008 – Video Proceedings Co-Chair (with Nancy Pollard)
• *Program Committee*, IEEE/RSJ International Conference of Robots and Systems (IROS) 2007 Workshop "From sensors to human spatial concepts"
• *Program Committee*, International Conference on Advanced Engineering Computing and Applications in Sciences (ADVCOMP) 2007
• *Program Committee*, IEEE 10th International Conference on Rehabilitation Robotics (ICORR) 2007
• *Program Committee*, 4th International Conference on Informatics in Control, Automation, & Robotics (ICINCO) 2007

Symposium and Workshop Organization

   (a) Co-Organizer (with Dimitrios Chrysostomou, Paolo Barattini, Johan Kildal, Yue Wang, Jacopo Fo, Kerstin Dautenhahn, Francois Ferland, Adriana Tapus, Gurvinder S. Virk) International Workshop on "Towards Reproducible HRI

Experiments: Scientific endeavours; benchmarking and standardization" part of HRI 2017 Conference, March 2017

(b) Co-Organizer (with Gurvinder Singh Virk, Nicole Mirnig, Paolo Baratini, Maria-Elena) International Workshop on "Experimenting in HRI for Priming Real World Set-ups, Innovations and Products" part of ICRA 2016 Conference, May 2016

(c) Co-Organizer (with Larence Devillers, Digicosme, ISN), La robotique interactive à Paris-Saclay, E3-ROBOTIC : Expérimentation/Evaluation/Ethique et usages en ROBOTique InteraCtive, Pole Co-évolution Humain-Machine (ISN)- GT Robotique Interactive (DIGICOSME), ENSTA ParisTech, May 2016

(d) Co-Organizer (with Amir Aly, Griffiths Sascha, Stramandinoli Francesca, Nori Francesco) International Workshop on "Towards Intelligent Social Robots – Current Advances in Cognitive Robotics" part of Humanoids 2015, November 2015

(e) Co-Organizer (with Nicole Mirnig*, Paolo Barattini, Dimitrios Chrysostomou, Lars Dalgaard, Maria Elena Giannaccini, Manuel Giuliani, Tamas Haidegger, Gurvinder Singh Virk) International Workshop on "Towards Standardized Experiments in Human-Robot Interactions" part of IROS 2015, September 2015

(f) Co-Organizer (with Shashank Pathak, Arun Ramasawamy and Bruno Monsuez), 2015 Robotics: Science and Systems (RSS 2015), Workshop on "Using formal methods in "real" world robotics and complex CPS, focusing on scalability, verifiability and applicability", July 2015

(g) Co-Organizer (with Arun Ramasawamy and Bruno Monsuez), 20th International Symposium on Formal Methods (FM 2015), Workshop on "Formal Methods and Model-Driven Engineering in Robotics", June 2015

(h) Co-Organizer International Workshop on Collaborative Robots and Human Robot Interaction part of the 2015 International Conference on Collaboration Technologies and Systems (CTS 2015), May 2015

(i) Co-Organizer (with Arun Ramasawamy, Javier-Ibanez Gutzman, and Bruno Monsuez), IEEE International Conference on Systems, Man and Cybernetics (SMC 2014), Workshop on "System Engineering Human-Centered Intelligent Vehicles", October 2014.

(j) Co-Organizer (with Mehdi Ammi and Jean-Claude Martin), IEEE International Conference on Robotics and Automation (ICRA 2014), Workshop on "Affective Haptics for Human-Robot Interaction", June 2014.

(k) Co-Organizer (with Pablo Bustos) International Workshop on Collaborative Robots and Human Robot Interaction part of the 2014 International Conference on Collaboration Technologies and Systems (CTS 2014), May 2014

(l) Co-Organizer (with Gurvinder Singh Virk, Fabio Paolo Bonsignorio, Nicole Mirnig, Paolo Barattini, Maria-Elena) International Workshop on "Experimenting in HRI for Priming Real World Set-ups, Innovations and Products" part of Human-Robot Interaction Conference, March 2014

(m) Co-Organizer (with Gurvinder Singh Virk, Fabio Paolo Bonsignorio, Nicole Mirnig, Manfred Tscheligi, Sami Haddadin, Markus Vincze, Boon Siew Han, Hooman Samani, Nicola Bellotto, Andrea Corradini, Paolo Barattini, Neil Martin Robertson, Claire Morand, Alberto Felice Rovetta, Christian Wögerer, Andreas Pichler) International Workshop on Human Robot Interaction (HRI) for Assistance and Industrial Robots. Scientific Knowledge, Standards and Regulatory Framework. How do I design for the real world?

part of the 2013 IEEE International Conference on Robotics and Automation (ICRA 2013), May 2013

(n) Co-Organizer (with Selma Sabanovic, Eric Meisner, and Cindy Bethel) International Workshop on Collaborative Robots and Human Robot Interaction part of the 2013 International Conference on Collaboration Technologies and Systems (CTS 2013), May 2013

(o) Co-Organizer (with Marina Fridin, Mark Belokopytov, and Mindy Aisen), IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2012), Workshop on "Motivational Aspects of Robotics in Physical Therapy", October 2012.

(p) Co-Organizer (with Selma Sabanovic, Eric Meisner, and Cindy Bethel) International Workshop on Collaborative Robots and Human Robot Interaction part of the 2012 International Conference on Collaboration Technologies and Systems (CTS 2012), May 2012

(q) Co-Organizer (with Selma Sabanovic and Eric Meisner) International Workshop on Collaborative Robots and Human Robot Interaction part of the 2011 International Conference on Collaboration Technologies and Systems (CTS 2011), May 2011

(r) Co-Organizer (with Mohamed Chetouani) Robotics: Science and System (RSS) 2010 Workshop on "Learning for Human-Robot Interaction Modeling", June 2010.

(s) Organizer Human-Robot Interaction (HRI) Pioneer Workshop 2008 part of the 3rd Human-Robot Interaction Conference (HRI2008), March 2008.

(t) Co-Organizer (with Javier Minguez and Maja Matarić) IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2007 Workshop on "Assistive Technologies: Rehabilitation and Assistive Robotics", October 2007.

(u) Co-Organizer (with Cory Kidd, Jennifer Burke and Andrea Thomaz) Human-Robot Interaction (HRI) Pioneer Workshop 2007 part of the 2nd Human-Robot Interaction Conference (HRI 2007), March 2007.

(v) Co-Organizer (with Marek Michalowski, Selma Sabanovic, Maja Matarić, Cynthia Breazeal, Francois Michaud, Reid Simmons, Kerstin Dautenhahn, Carl DiSalvo and Illah Nourbakhsh) AAAI 2007 Spring Symposium on "Multidisciplinary Collaboration for Socially Assistive Robotics", March 2007.

(w) Co-Organizer (with Maja Matarić) Robotics: Science and System (RSS) 2006 Workshop on "Socially Assistive Robotics", August 2006.

Media Coverage

- Sciences et Avenir, "Robot: Il peut être votre ami. A certaines conditions" (http://www.sciencesetavenir.fr/high-tech/robot/20151028.OBS8496/robot-il-peut-etre-votre-ami-a-certaines-conditions.html), by Olivier Hertel, October 2015

- Wired Magazine News, "When robots die: The existential challenges of human-robot interaction" (http://www.wired.co.uk/news/archive/2011-10/11/when-robots-die), by Emmet Cole, October 2011

- Wired Magazine News, "The HRIAA Project: Behind the mission to help people and bots Kinect" (http://www.wired.co.uk/news/archive/2011-09/07/hriaa), by Emmet Cole, September 2011
- Curentul.ro, "Nao a robot for children with autism" (http://www.curentul.ro/2011/index.php/2011051058072/Social/Opt-copii-cu-autism-testati-clinic-de-psihologi-cu-ajutorul-robotului-Nao.html), May 2011
- Capital.fr, "Comment l'interface homme-machine révolutionne notre quotidien" (How the human-machine interfaces revolutionize our daily lives), TV show (http://www.capital.fr/enquetes/business-innovation/comment-l-interface-homme-machine-revolutionne-notre-quotidien), ParisTech Insight, January 2011
- "La Recherche à l'honneur" (Research in the spotlight), Conseil Scientifique de ParisTech, destinée à mettre en valeur et à promouvoir sa communauté scientifique, ses résultats et ses partenaires, January 2011
- "1000 Chercheurs parlent de l'avenir", by Pierre Maraval, October 2010.
- ENSTA-ParisTech Newsletter, "Adriana Tapus, titulaire d'une chaire de l'ANR", by Adrien Quenette, November 2009.
- Artificial Intelligence (AI) Magazine, "AAAI 2007 Spring Symposium Series Reports: Multidisciplinary Collaboration for Socially Assistive Robotics", by Adriana Tapus, Fall 2007, volume 28, number 3, pp. 98-99.
- Financial Times Deutschland, "Es ist zu deinem Besten!", by Ole Neugebauer, August 4, 2006. (Financial Times Deutschland, "It is to the robots best!", by Ole Neugebauer, August 4, 2006)
- New Scientist, "A good robot has personality but not looks", by Celeste Biever, 20 July 2006, magazine issue 2561.
- LaFlecha, tu diario de ciencia tecnologia, "El cerebro de los mamiferos inspira nuevos sistemas de navegacion autonoma", by Marta Morales, June 26, 2006. (TheArrow, the magazine of technological sciences, "The mamifers brain inspires new autonomous navigation systems", by Marta Morales, June 26, 2006).
- The MIT Technology Review, "Outward Bound for Robots", by Duncan Graham-Rowe, May 31, 2006.

Invited Talks

Keynote Talks

- Keynote Speaker - Conference "Robotics and Mental Health", organized by: French Academy of Technology, University Paris VII Denis Diderot (CRPMS), and Institute pour l'Etude de la Relation Homme Robot (IERHR), October 2017

- Invited Speaker - Workshop on "Clinically Meaningful Advancements of Socially Assistive Robots Through Systematic Data Collection and Sharing", part of HRI 2017, March 2017

- Invited Speaker Renault - Journée Innovation, November 2016

- Invited Speaker - Technische Univerity of Munchen (TUM), November 2016

- "Towards Long-life Learning and Adaptation in Human-Robot Interaction" – Keynote Speaker Centre d'Alembert – Université Paris-Sud, March 2016

- "Towards Long-life Learning and Adaptation in Human-Robot Interaction" – Keynote Speaker, RAAD 2015, May 2015

- "Towards Long-life Learning and Adaptation in Human-Robot Interaction" – Distinguished Panelist, HRI Pioneers Workshop, Portland, March 2015

- "Human Modeling in Human-Robot Interaction" – keynote talk, REACTS 2013, York, UK, August 2013

- "Customized Human-Robot Interaction" – keynote talk, International Conference on Human-Machine Systems, Cyborgs, and Enhancing Devices (HUMASCEND), Iasi, Romania, June 2012

- "Towards Personalized Assistive Human-Robot Interaction" – keynote talk, 4th Workshop on Human-Friendly Robotics (HFR 2011), Twente, The Netherlands, November 2011

Invited Talks - excluding conference paper talks

- "Human-Robot Interaction for Robots" – Innovation Day Renault, Paris, November 2016

- "Learning and Adaptation in HRI" – Technische Univerity of Munchen, Germany, November 2016

- "Towards Long-life Learning and Adaptation in Human-Robot Interaction" – Guest Lecture, King's College London, London, UK, September 2016

- "Towards Long-life Learning and Adaptation in Human-Robot Interaction" – Guest Lecture, National University of Singapore (NUS), Singapore, October 2014

- "Customized Human-Robot Interaction" – Guest Lecture, University Babes-Bolyai, Cluj-Napoca, Romania, May 2011

- "Human-Robot Interaction for Socially Assistive Applications" – Congress on « Où vivre vieux en 2030 ? Habiter autrement dans 20 ans » (Where to live long in 2030? Live differently in 20 years), Paris, France, December 8, 2010

- "Human-Robot Interaction for Socially Assistive Applications" – Workshop on Robotics, Virtual Technology: Implications and Applications in Cognitive Sciences (DIASPORA 2010), Bucharest, Romania, September 21, 2010

- "Assistive Robotics for Customized Cognitive Stimulation and Physical Rehabilitation" – 7th French National Days in Robotics Research (JNRR 2009), France, November 5, 2009.

- "Socially Assistive Robots for Future Therapeutic and Personal Care" – Lecturer, International School in Robotics and Intelligent Systems (ISRIS 2009), Focus theme: Assistive robots and systems for healthcare and rehabilitation, Iasi, Romania, July 22-26, 2009.

- "Robotic Systems Acting in Human-Centered Environments: From Human-like Robot Navigation to Human-Robot Interaction" – Guest Lecture, Birmingham University, Birmingham, UK, October 2008.

- "Robotic Systems Acting in Human-Centered Environments: From Human-like Robot Navigation to Human-Robot Interaction" – Guest Lecture, Ecole

Nationale Supérieure de Techniques Avancées (ENSTA-ParisTech), Paris, France, September 2008.

- "Robotic Systems Acting in Human-Centered Environments: From Human-like Robot Navigation to Human-Robot Interaction" – Guest Lecture, Willow Garage, Menlo Park, CA, USA, July 2008.
- "Robotic Systems Acting in Human-Centered Environments: From Human-like Robot Navigation to Human-Robot Interaction" – Guest Lecture, Jet Propulsion Laboratory (JPL), Pasadena, USA, May 2008.
- "Human-Robot Interaction for Assistive Applications" – Guest Lecture, National Science Foundation, Switzerland, February 2008.
- "Robotic Systems Acting in Human-Centered Environments: From Human-like Robot Navigation to Human-Robot Interaction" – Guest Lecture, Georgia Tech, Atlanta, USA, February 2007.
- "Navigation with Fingerprints of Places for Human-Robot Interaction Tasks" – Guest Lecture, TOSHIBA Corporate Research and Development Center, Human-centric Laboratory, Tokyo, Japan, March 2006.
- "A Human-like Solution to Do SLAM (Simultaneous Localization and Mapping) using Fingerprints of Places for Mobile Robots Navigation" – Guest Lecture, Control and Dynamical Systems Lab, California Institute of Technology (CALTECH), USA, February 2006.
- "Fingerprints of Places: A Model of Hippocampal Place Cells" – Guest Lecture, Laboratory of Physiology of Perception and Action, College de France, Paris, France, September 2005.
- "Topological SLAM with Fingerprints of Places" – Guest Lecture, Artificial Intelligence Laboratory, Stanford University, California, USA, January 2005.
- "Fingerprints of Places – a Natural Solution for SLAM" – Guest Lecture, Robotics Research Laboratory, University of Southern California, Los Angeles, California, USA, January 2005.

Miscellaneous

- Forum Métiers, Lycée Hoche, Versailles (2013-2016)
- Fête de la Science (2010-2015)
- Table ronde de sensibilisation : « Les femmes et le travail : entre stéréotypes et réalités », Lycée Hoche, Versailles (2014)
- Exposition "1000 chercheurs" – Portraits chercheurs, by Pierre Maraval (2010)