

Xavier Alameda-Pineda, Eng., Ph.D.

Research Scientist at the **Perception Team**

Artificial Intelligence co-Chair at **MIAI**

on *Audio-visual machine perception and interaction for companion robots*

INRIA Grenoble Rhône-Alpes, Université Grenoble Alpes

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ACADEMIC AND PROFESSIONAL QUALIFICATIONS

2020 – **ELLIS Membmer** (ELLIS, USA)
2019 – **IEEE Senior Membmer** (IEEE, USA)
2014 – **Qualification for Maître de Conférences Section CNU 61** (MENESR, Paris, France)
2013 – **PhD in Mathematics and Computer Science** (Perception Team, INRIA, UJF, Grenoble, France)
2010 – **Masters in Computer Science (Graphics, Vision and Robotics)** (MoSIG, UFR IM2AG, UJF, Grenoble-INP, Grenoble, France)
2009 – **Masters (equivalent) in Telecommunications Engineering** (ETSETB - BarcelonaTECH, Barcelona, Spain)
2008 – **Masters (equivalent) in Mathematics** (FME - BarcelonaTECH, Barcelona, Spain)

RESEARCH EXPERIENCE

Research Scientist [REF.: DR. RADU HORAU] (Perception Team, INRIA, 2016-Now, Grenoble, France)
Postdoctoral Fellow [REF.: PROF. NICU SEBE] (MHUG, DISI, University of Trento, 2014-2016, Trento, Italy)
Postdoctoral Fellow [REF.: PROFS. LAURENT GIRIN/RADU HORAU] (MAGIC/Perception Teams, GIPSA-LAB/INRIA, 2013-2014, Grenoble, France)
PhD Thesis: Egocentric Audio-Visual Scene Analysis, A Machine Learning and Signal Processing Approach [REF.: DR. RADU HORAU] (Perception Team, INRIA, UJF, 2010-2013, Grenoble, France)

STUDENT SUPERVISION

PhD: Supervisor: Xiaoyu Lin (2020-), Gaétan Lepage (2020-), Wen Guo (2019-). **Co-supervisor:** Louis Airale (2019-), Anand Ballou (2019-), Xiaoyu Bie (2019-), Yihong Xu (2018-), Guillaume Delorme (2017-), Wei Wang (2016-2018), Aliaksandr Siahorin (2016-17), Andrea Pilzer (2016-17), Dan Xu (2016-17), Sergey Tulyakov (2015-17). **Occasional collaboration:** Yutong Ban (2016-19), Stéphane Lathuilière (2016-17), Vincent Drouard (2016-2017), Dionyssos Kounades-Bastian (2014-17), Israel-Dejene Gebru (2014-17), Maxime Janvier (2013-14).
Masters: Viet Nhat Nguyen (2020), Álvaro González-Jiménez (2020), Predrag Pilipovic (2020), Vadim Sushko (2019), Elsa Marie (2019), Divya Grover (2018), Aliaksandr Siahorin (2016), Alessio Xompero (2014), Israel-Dejene Gebru (2013), Maxime Janvier (2012).

AWARDS AND HONORS

ACM SIGMM Rising Star Award 2018 for *Contributions to Multimodal Social Behavior Understanding*
at **SIGMM Web Site**
Best scientific paper award for *Multi-Paced Dictionary Learning for Cross-Domain Retrieval and Recognition*
at **IEEE International Conference on Pattern Recognition 2016**
Best paper award for *Analysing Free-standing Conversational Groups: A Multimodal Approach*
at **ACM International Conference on Multimedia 2015**
Best student paper award for *A Variational EM Algorithm for the Separation of Moving Sound Sources*
at **IEEE Workshop on Applications of Signal Processing to Audio and Acoustics 2015**
Outstanding paper award for *Finding Audio-visual Events in Informal Social Gatherings*
at **IEEE/ACM International Conference on Multimodal Interaction 2011**

FUNDING

H2020 – Coordinator [2020-2024, 8.3 M€] SPRING: Socially pertinent robots for gerontological healthcare
ANR-JCJC & IDEX-IRS – PI [2020-2024, 310 k€] ML3RI: Multi-modal multi-person low-level learning for robot interaction
ANR 3IA – co-PI [2019-2023, 360 k€] MIAI Chair: Audio-visual machine perception and interaction for companion robots
IDEX-ISP – PI [2019-2023, 45 k€] PIMPE: Physical complex Interactions and Multi-person Pose Estimation
IDEX-IRS – co-PI [2019-2023, 90 k€] MIDGen: Multimodal Interaction Data Generation