

JAIME ARIAS

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Personal Information

Given Name: Jaime Eduardo **Last Name:** Arias Almeida **Birth Date:** 15/04/1989 **Citizenship:** Colombian

Research Interests

Formal specification and verification of timed and reactive concurrent systems; interactive multimedia systems.

Experience

- **Research Engineer** at *CNRS, Laboratoire d'Informatique de Paris Nord (LIPN), France.* **2018 - Present**
- **R&D Engineer** at *Inria Grenoble Rhône-Alpes, France.* **2016 - 2018**
- **R&D Engineer** at *Inria Bordeaux Sud-Ouest, France.* **2015 - 2016**

Education

- **Ph.D. in Computer Science** at *Université de Bordeaux, France.* **2012 - 2015**
- **Engineering Degree in Computer Science** at *Universidad Javeriana, Colombia.* **2005 - 2012**
- **Electronics Engineering Degree** at *Universidad Javeriana, Colombia.* **2005 - 2012**

Research Projects (5 Last Years)
































- **MSH Paris Nord** project with Javeriana University (Colombia), SAT (Québec) and Bordeaux (France) – **PI** **2024**
- **USPN** project with Javeriana University (Colombia), POSTECH (South Korea) and FST (Tunisia) – **PI** **2024**
- **PHC Aurora** project with the University of Oslo (Norway) – **Member** **2023 – 2024**
- **IEA** project, CNRS/PAN, with the Polish Academy of Sciences (Poland) – **Member** **2019 – 2023**
- Project funded by **CNRS**, with the University of Oslo (Norway) – **Member** **2022 – 2022**
- **IFD** collaborative project with the University of Århus (Denmark) – **Member** **2020 – 2021**

Responsibilities

- **Responsible** of the development committee of the **LIPN** since January 2023.
- **Responsible** of the development team of the **LIPN** since February 2021.
- **Member** of the **Software and Source Codes College** since November 2024.
- **Board member** of the **Galilée Doctoral School** since July 2021.
- **Ambassador** of **Software Heritage** since June 2021.
- **Programme Committee** member of *IJCAI2025, AAMAS 2024-2025, Microservices 2022, SLTC 2022 and 15CCC.*
- **Artifact Evaluation** member of *PLDI 2025, POPL 2023-2025, OOPSLA 2024, ICFP 2022-2023, FormaliSE 2022-2023, and FORMATS 2023.*
- **Tool Award Committee** member of *Petri Nets 2020-2021.*
- **Jury** of the "Applications and Softwares" session of the **APSA Challenge - Ethiopia 2018.**

Tools

The reader can visit my Git repository (<https://bit.ly/gitArias>) to see the full list of my developments.

- **ADT2AMAS** (https://bit.ly/demoADT2AMAS
- **CosyDraw** (https://bit.ly/demoCosyVerif
- **Solidity2CPN** (, , , , , , , , , , , , , , , , , , , , , , , , , , , , ,

Publications

Author of 27 conference papers and 4 journal papers. The reader can find all my publications on HAL (