
Curriculum Vitae of Mário S. Alvim (Short)

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1 Contact information

- **Contact information:**
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- **Occupation:** Assistant professor (tenured, 2016 - present)

2 Education

- **PhD student in Computer Science, LIX - École Polytechnique, France**
(October 2008 - October 2011)
Dissertation: Formal approaches to information hiding: An analysis of interactive systems, statistical disclosure control, and refinement of specifications
Advisor: Catuscia Palamidessi
Rapporteurs: Gilles Barthe, Michael Mislove
- **MSc in Computer Science, Universidade Federal de Minas Gerais (UFMG), Brazil**
(March 2006 - March 2008)
Thesis: Computational aspects of the calculus of structures
Advisor: Elaine Gouvêa Pimentel - Co-Advisor: Roberto da Silva Bigonha
- **BS in Computer Science, Universidade Federal de Minas Gerais (UFMG), Brazil**
(August 2001 - December 2005)
- **Technical High School for Industrial Informatics, Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG), Brazil**
(February 1998 - December 2000)

3 Employment

- **Assistant Professor (tenured)** (September 2016 - present)
Computer Science Department, Universidade Federal de Minas Gerais (UFMG)
- **Assistant Professor (tenure track)** (September 2013 - September 2016)
Computer Science Department, Universidade Federal de Minas Gerais (UFMG)
- **Post-doctoral researcher** (January 2012 - September 2013)
Mathematics Department, University of Pennsylvania, USA
Project: SoS - Science of security, formal methods for security and privacy
Supervisor: Andre Scedrov (in collaboration with Fred B. Schneider)

4 Service

- **Co-chair** of the 13th ACM Sigplan Workshop on Programming Languages and Analysis for Security (PLAS 2018), together with with Stéphanie Delaune, Irisa, France.
- **Publicity chair** of the XIV Brazilian Symposium on Information Security and Computational Systems Security (SBSeg 2014).
- **Program committee member** of the 18th Privacy Enhancing Technologies Symposium (PETS / PoPETS 2019 and 2020).

- **Program committee member** of the 3rd World Congress on Formal Methods / 23rd International Symposium on Formal Methods (FM 2019).
- **Program committee member** of the 31st IEEE Computer Security Foundations Symposium (CSF 2018).
- **Program committee member** of the 15th International Conference on Quantitative Evaluation of SysTems (QEST 2018).
- **Program committee member** of the 13th Workshop on Logical and Semantic Frameworks with Applications (LSFA 2018).
- **Program committee member** of the I, II, III, IV, and V International Conference on Information Systems Security and Privacy (ICISSP 2015, 2016, 2017, 2018, 2019).
- **Program committee member** of the XIV, XV, XVI, XVII, and XVIII Brazilian Symposium on Information Security and Computational Systems Security (SBSeg 2014, 2015, 2016, 2017, 2018).
- **Reviewer** for the IEEE Transactions On Information Theory, International Journal Of Approximate Reasoning, Data Mining And Knowledge Discovery, ACM Transactions On Privacy And Security, Information Processing Letters, Journal Of Internet Services And Applications, Theoretical Computer Science, International Journal Of Information Security, Journal Of Network And Systems Management, ACM Transactions On Knowledge Discovery From Data, Computational Intelligence, Journal Of Computer Security, Mscs. Mathematical Structures In Computer Science, ACM Transactions On Privacy And Security, IEEE Transactions On Information Forensics And Security, IEEE Security & Privacy.

5 Awards and honors

- Scientific:
 - **Winning paper in the NSA 3rd Annual Best Scientific Cybersecurity Paper Competition**
(November 2014)
 - **Finalist of the *Prix de Thèse Paris-Tech*, as the best dissertation in Computer Science**
(November 2012)
 - **Best Computer Science Project of the State of Minas Gerais**
XVIII META - Minas Gerais State Technological Undergraduate and Technical High School Contest
(October 2000)
- Teaching:
 - **Award for Outstanding Teaching, Information Systems Undergraduate Class of 2017, UFMG**
(December 2017)
 - **Award for Outstanding Teaching, Information Systems Undergraduate Class of 2016, UFMG**
(December 2016)

6 Languages

- **Portuguese:** Native
- **English:** Fluent
- **French:** Proficient