

Samuel MIMRAM

French nationality

16/01/1983

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Research topics

Concurrency, rewriting theory, category theory, algebraic topology, denotational semantics, programming languages.

Education and positions

2018–...	Professeur in LIX laboratory (École Polytechnique)
2017–2018	Professeur chargé de cours in LIX laboratory (École Polytechnique)
2016	Habilitation à diriger des recherches
2014–2017	Maître de conférences in LIX laboratory (École Polytechnique)
2010–2014	Researcher in LIST/LMeASI team (CEA)
2009–2010	Postdoctoral research in LIST/LMeASI team (CEA)
2005–2009	PhD thesis in PPS team (CNRS / Université Paris Diderot) <i>Sémantique des jeux asynchrones et réécriture 2-dimensionnelle</i> advisor: Paul-André Mellès
2004–2005	Master Parisien de Recherche en Informatique (eq. MSc), mention Très Bien (Université Paris 7)
2003–2004	Maîtrise d'informatique, mention Bien (ÉNS Lyon)
2002–2003	Licence d'informatique (eq. BSc), mention Très Bien (ÉNS Lyon)
2002	Admission to École Normale Supérieure de Lyon (ÉNS Lyon) with specialty in computer science
2000–2002	Classes préparatoires in mathematics (MPSI/MP), with specialty in computer science (Lycée Henri IV, Paris)
2000	Baccalauréat S (eq. A-level) mention Bien (Lycée Carnot, Paris)

Participation to research projects

2014–2018	ANR CATHRE (<i>Categories, Homotopy and Rewriting</i>)
2011–2015	ESF RN ACAT (<i>Applied and Computational Algebraic Topology</i>)
2011–2015	ANR REVER (<i>Programming reversible recoverable systems</i>)
2009–2012	ANR PANDA (<i>Parallel and Distributed Analysis</i>)
2008–2010	ANR CHOCO (<i>Curry-Howard for Concurrency</i>)
2005–2008	ANR INVAL (<i>Invariants Algébriques</i>)
2005–2006	ACI GEOCAL (<i>Géométrie du Calcul</i>)

Teaching

2015–2018	Maître de conférences at École Polytechnique: <i>Fondements de l'Informatique: logique, modèles, calculs</i> (INF412) <i>Programmation d'applications concurrentes et distribuées</i> (INF431) <i>Programmation avancée</i> (INF441)
2009–2018	<i>Lambda-calculi and categories</i> (M1, MPRI)
2014	Orals in CS for admission to École Normale Supérieure (Ulm)
2006–2009	Monitorat at Université Paris Diderot: <i>Programmation système</i> (L3) <i>Automates finis</i> (L2) <i>Introduction à l'informatique et la programmation</i> (L1)
2005–2006	Computer science “colles” in MPSI (Lycée Janson de Sailly, Paris)

Students supervision

2017–2020	Thibaut Benjamin (PhD thesis, co-supervised with Eric Finster)
2017–2020	Simon Forest (PhD thesis, co-supervised with Yves Guiraud)
2017–2020	Cédric Ho Tanh (PhD thesis, co-supervised with Pierre-Louis Curien)
2016–2019	Jérémy Ledent (PhD thesis, co-supervised with Éric Goubault)
2015–2016	Eric Finster (post-doc)
2012	Cinzia Di Giusto (post-doc)
2012	Paul-Elliot Angles d'Auriac (master 1 internship)
2011–2012	Tobias Heindel (post-doc)

Service to the research community

PC	HDRA 2018, IWC 2018, CALCO 2017, HDRA 2017, HDRA 2016, HDRA 2015 (co-creator of the workshop), IWC 2015, JFLA 2013
PhD com.	Matteo Acclavio (reviewer, 2016), Nohra Hage (reviewer, 2016), Fabio Zanassi (2015)
Reviews	LICS, CONCUR, ESOP, FOSSACS, SAS, MFPS, JFLA, APLAS, FSCD, RTA, HSCC, QPL, NFM, HDRA, TCS, ANR projects
Seminars	Head of the Cosynus team, organizer Cosynus seminar

Computer skills

Languages	OCaml, C, Java, Python, HTML, javascript, agda, COQ
Other	Developing free software (Liquidsoap, . . .), Debian developer

Miscellaneous

Languages	French (mother tongue), English (fluent), Italian (notions), German (notions), Korean (notions)
Hobbies	Piano (playing in a band)