SHORT CURRICULUM VITÆ

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Born March 2, 1983
French citizen

Administrative status

2012 – … CNRS junior researcher (1st class) DI ENS, École Normale Supérieure, Paris
2008–2012 CNRS junior researcher (2nd class) DI ENS, École Normale Supérieure, Paris
2005–2008 PhD fellow Université Paris-Sud, Orsay

Main publications


Distinctions

2011 Ph.D. dissertation award Marie-Jeanne Laurent-Duhamel French Statistical Society
2010–2011 Peccot Lecture Collège de France

Member of scientific projects and networks

2015–2017 Member of the ANR project TITAN (leaders: André Ferrari & Zaïd Harchaoui)
2013–2014 Member of the ANR project GARGANTUA (leader: Zaïd Harchaoui, INRIA Grenoble)
2012–2015 Member of the ANR project CALIBRATION (leader: Vincent Rivoirard, Univ. Paris Dauphine)
2007–2013 Member of the European network of excellence PASCAL (Pattern Analysis, Statistical Modelling and Computational Learning) then PASCAL 2 from 2008
2005–2008 Member of the Select Project INRIA Saclay

Scientific visits

Mar. 2012 Università degli Studi di Siena Duccio Papini
Feb. 2011 Scuola Normale Superiore di Pisa Stefano Marmi
Dec. 2009 University of California, Berkeley Peter L. Bartlett
Nov. 2009 Scuola Normale Superiore di Pisa and Università degli Studi di Siena Stefano Marmi and Duccio Papini
Jan.–Apr. 2008 University of California, Berkeley Peter L. Bartlett

Referee


Collective responsibilities

Nov. 2012–... Elected member of the laboratory council DI/ENS

Member of Ph.D. committees

Apr. 2011 Pierre Connault Université Paris-Sud Examiner
June 2009 Matthieu Lerasle INSA Toulouse Examiner

Advisor

• Ph.D. students:
  Damien Garreau (2014–...) Learning the kernel for change-point detection (co-advised with Gérard Biau)
  Rémi Lajugie (2012–...) Robust machine learning with structured outputs (co-advised with Francis Bach)
  Matthieu Solnon (2010–2013) Multi-task statistical learning (co-advised with Francis Bach)
  Defended on November 25, 2013

• Master 2 students:
  Damien Garreau (2014) Metric learning and dynamic time warping (co-advised with Francis Bach)
  Matteo Tanzi (2013) Denoising and Parameter Estimation for Deterministic Dynamical Systems (co-advised with Stefano Marmi)
  Rémi Lajugie (2012) Metric learning for change-point detection (co-advised with Francis Bach)
  Matthieu Solnon (2010) Multi-task learning and minimal penalties (co-advised with Francis Bach)

• Master 1 students:

Teaching experience

2009–... Statistical learning Université Paris-Sud Master 2 [12h de cours + 6h d’exposés d’élèves]
2010–2013 Mathematics board École Normale Supérieure (Paris) admission exam, section “humanities and economy”
July 2013 Tutorial CEMRACS 2013 Classification and statistical machine learning [1h]
Jan.–Feb. 2012 Model selection via penalization, resampling and cross-validation, with application to change-point detection Cergy university tutorial for M2 and Ph.D. students [6h]
Feb. 2011  Model selection and estimator selection for statistical learning *Scuola Normale Superiore di Pisa* tutorial for M2 and Ph.D. students [10h]

2010–2012  Mathematical lectures: classification *École Normale Supérieure (Paris)* 2nd year (Master 1 level) [9h]

2010–2012  Statistical learning *École Normale Supérieure (Paris)* 1st year (Master 1 level) [10h]

2008–2009  Supervised classification: algorithms and their data-driven calibration *École Centrale Paris* 3rd year, Master 2 level [12h+3h]

2005–2008  Temporary assistant professor *Université Paris-Sud* Calculus course [64h]

**Academics: Ph.D. thesis and habilitation**

2014  Habilitation in Mathematics *Université Paris Diderot*  Title: Contributions to statistical learning theory: estimator selection and change-point detection.


**Languages**

French (native)

English (fluent)