

Born 8 th May 1961 (Paris); married, 4 children.
Professor (PRCE2), Université Paris-Sud.

Academic vita

1993 Habilitation à diriger des recherches

1988 PHD in mathematics "Déconvolution aveugle" (Université Paris-Sud) under the supervision of D. Dacunha-Castelle

1980-1983 Student at Ecole Polytechnique

Positions held

1998 -- Professor at Université Paris-Sud

1993 – 1998 Professor at Université d'Evry-Val d'Essonne

1988 --1993 Assistant Professor at Université Paris-Sud

1987 --1988 Assistante at AgroParistech (Institut National Agronomique Paris-Grignon)

PEDR Grant 1991-1995; 1996-2000; 2001-2004; 2005-2008; 2009-2012; 2013-2016; 2017-

Editorial activities

2019- ... Member of the editorial board of I.E.E Transactions on Information Theory.

2013- ... Member of the editorial board of ESAIM P &S and of Annales Mathématiques Blaise Pascal.

2013- 2016 Member of the editorial board of Bernoulli.

2001 Editor (with P. Massart and D. Picard) of the Feschrift In the honor of J. Bretagnolle, D. Dacunha-Castelle and I. Ibragimov

Scientific councils and jury of awards

2018 -- Member of the scientific council of the Institut Camille Jordan.

2018 -- Member of the scientific council of the IFCAM (UMI de Bangalore, Inde).

2017 -- Member of the scientific council of the ENS Paris.

2012 -- Member of the scientific committee of the summer school of Saint Flour.

Member of the Jury of the prize Blaise Pascal 2017, 2019.

Member of the Jury of the prize Neveu 2011, 2012, 2013.

Member of the Jury for the PEDR 2006, 2007, 2013.

Scientific and administrative duties

2019: member of the hiring committee for the direction of CIRM.

2015 -- 2019 Head of LMO Laboratoire de Mathématiques d'Orsay.

2015 -- 2019 Head of DMO Département de Mathématiques d'Orsay.

2015 -- 2019 Member of the steering committee of FMJH and LMH.

2016 -- 2019 Member of the CAC of Université Paris-Saclay.

2007 -- 2018 In charge of the project of the building IMO Institut de Mathématique d'Orsay.

2008 – 2012 Appointed Member of the "Comité National du CNRS".

2005 – 2012 Director of the doctoral school in STAFAV (cooperation with Cameroon, Benin, Senegal)

2007 – 2010 Head of the team Probability and Statistics in LMO.

President of hiring committees in Orsay (2011-2013-2014).

Evaluation of laboratories for AERES : CMLA (ENS Cachan) 2009, LMNO (Caen) and LMRS (Rouen) 2011, Modal'X (Nanterre) 2013 (president of the committee).

2001 – 2005 Member of the scientific committee of the PPF "Bioinformatics" in Orsay.

2006 – 2010 Member of the scientific committee of the PPF "Bioinformatics-Biomathematics" in Orsay.

2000 – 2003 Appointed member of the CNU Conseil National des Universités.

Member of several "Commission de spécialistes": Rouen (2007-2009), Orsay and Versailles (2000-2009), Orsay; Veersailles, Nanterre (1991-1993).

1997 – 1998 Member of the board of Université d'Evry-Val- d'Essonne.

Pedagogic responsibilities

2007 – 2015 In charge (together with J.-F. Le Gall) of the speciality Probability and Statistics in the Master of Mathematics

1999 – 2007 In charge of the DESS (then Master) “Ingénierie Mathématique (Orsay).

2002 – 2005 In charge of the “Licence Bioinformatique-Biostatistiques”. (Orsay).

1993 – 1998 In charge of DEUG MASS (Université d'Evry-Val d'Essonne).

PHD students

2015 – 2019 Augustin Touron (CIFRE contract with EDF)

2015 – 2018 Luc Lehericy, CNRS Researcher, Nice

2014 – 2018 Mor Absa Loum (Cotutelle with Saint-Louis, Senegal; co-advisor A. Diop); postdoc in Montréal (Québec)

2013 – 2016 Anna Bonnet, Assistant Professor Sorbonne Université.

2012 – 2016 Elodie Vernet, Assistant Professor Ecole Polytechnique.

2009 – 2012 Thierry Dumont (CIFRE contract with ID Services), Assistant Professor Nanterre.

2007 – 2010 Dominique Bontemps, Assistant Professor Université Paul Sabatier (Toulouse).

2007 – 2010 Wilson Toussile (cotutelle with Yaounde I, Cameroon), Assistant Professor Yaounde (on leave, Paris-Sud epidemiology).

2005 – 2010 Guy Mahiane (cotutelle with Yaounde I Cameroon)

2005 – 2009 Benoit Landelle (CIFRE contract with Thales) Teacher in “classe préparatoire”.

2003 – 2007 Ana Arribas Gil, Assistant Professor Université Carlos III (Madrid).

2003 – 2006 Ismael Castillo, Professor in Sorbonne Université; member of the IUF.

2003 – 2006 Aurélien Garivier, Professor at ENS Lyon.

2001 – 2004 Céline Lévy-Leduc (CIFRE contract with Thales), Professor at AgroParisTech.

1999 – 2002 Antoine Chambaz (CIFRE contract with CNET), Professor in Paris 5

1998 – 2001 Catherine Matias, CNRS research director in Sorbonne Université; deputy director of INSMI.

1996 – 1999 Christine Kéribin, Assistant Professor, Orsay

1993 – 1997 Emmanuelle Gautherat, Assistant Professor, Reims.

Postdoc

2019 Kweku Abraham

Organization of workshops and conferences

Organization of the conference MHC2020, Orsay, June 2020.

Member of the scientific committee of the workshop “Chains and Systems with Interactions of Variable Range Jorma's Razor 2”, Sao Paulo (Brésil), July 2011

Member of the scientific committee of the seminar RASMA, Saint Louis (Sénégal), January 2010

President of the scientific committee of “journées MAS”, Bordeaux, 2010

Member of the scientific committee of “journées MAS”, Rennes, 2008

Member of the scientific committee of the seminar RASMA, Franceville (Gabon), January 2008

Member of the scientific committee of “école CIMPA” Yaounde (Cameroon) 2007

Member of the scientific committee of “journées MAS”, Lille, 2006

Organization (with P. Massart and D. Picard) of the conference in honor of Jean Bretagnolle, Didier Dacunha-Castelle and Ildar Ibragimov, Orsay, June 2001.

Invited conferences and lectures

Invited lecturer in CIRM, 2021

Invited lecturer in Banff, 2021

Plenary talk MBC2, Catania, September 2020

Workshop Mathematical and Statistical Challenges in Uncertainty Quantification, Cambridge, UK, July 2020

Workshop MiMo Rouen, March 2020

Diffusion talk Mathematic Park, November 2019

Diffusion talk Electric Days, June 2019

Invitation in Leiden, June 2019

Invitation in Oxford, May 2019

Invited talk Quimper, June 2019
 Invited talk ENS Lyon, May 2019
 Invited talk in the session "clustering for time-dependent data", MBC2, Catania, September 2018.
 Organization of a session for the conference "Advances in Finite Mixture and Other Non-regular Models", Guangxi (Chine), august 2018.
 Invited lecture at the conference in celebration of Imre Csiszar's 80th birthday, Budapest, june 2018.
 Seminar at WIAS (Berlin), January 2018.
 Invited lecture at the conference in honor of Jean-Marc Azais, july 2017.
 Invited talk at the workshop "Statistical Foundations of Uncertainty Quantification for Inverse Problems", Cambridge, june 2017
 Van Dantzig Seminar (Leiden) June 2017.
 Presentation at ITA, February 2017.
 Invited lecture at the conference Shannon, IHP (Paris), october 2016.
 Invited talk at ISBA 2016, Sardinia, june 2016.
 Plenary lecture at the conference "journées de la SFDS", Montpellier, June 2016.
 Invitation (without talk) to the workshop "Computationally and Statistically Efficient Inference for Complex Large-scale Data", Oberwolfach, 6-12 mars 2016.
 Invited paper at ERCIM WG on Computational and Methodological Statistics 2015.
 Invited paper at JSM (Joint Statistical Meeting) 2015.
 Invited talk at ITA, February 2015.
 Seminar at ETH Zurich, may 2014.
 Workshop of the ANR grant Bandhit, September 2013.
 Seminar in Montreal (Québec), January 2013.
 Presentation and paper at AofA, Montreal, June 2012.
 Invited lecture at the workshop "Statistics and modeling for complex data", Marne La Vallée, June 2011.
 Colloquium at Paris 5, 2010.
 Invited Communication at IFCS, Dresde, March 2009.
 Invited lecture at GFKI, Hamburg, July 2008.
 Invited lecture at the workshop on Mixture models and their applications, Pau, June 2008.
 Invited lecture at "Congrès franco-canadien", Montreal, June 2008.
 Invited lecture at the workshop "Multimodality and related topics", Nanterre Paris 10, March 2008.
 Invited lecture at the workshop "Statistique sur les Modèles à Données Manquantes", Marne La Vallée, January 2005.
 Invited session at "journées MAS", Nancy, September 2004.
 Plenary lecture at "journées MAS", Grenoble, September 2002.
 Invited lecture at the workshop "Pollution" at l'IHP (Paris), December 2001.
 Invited talk at CLAPEM, Cuba, November 2001.
 Invited lecture at the workshop "Statistique des problèmes inverses", IHP (Paris), May 2001.
 Invited talk at the workshop "Analyse des séries temporelles et applications", Luminy, CIRM, April 2001.
 Invited talk at the workshop "On statistical mixtures and latent structure modelling", Edinburg, March 2001.
 Organization of a session at "journées MAS", Rennes, september 2000.
 Invited talk at the workshop "Autour des grandes et moyennes déviations", Amiens, November 1998.
 Plenary lecture at "congrès franco-belge de Statistiques", Louvain, November 1997.
 Special invited lecture at Bernoulli conference, Vienna, august 1996.
 Invited lecture at the workshop "Information Theory and Statistics", Haifa, June 1996.
 Invited talk at the workshop "On higher order statistics", Aiguablava, June 1995.
 Organization of a session at ASSU's conference, Neuchatel, 1994.
 Invited talk in a session at the conference ICIAM 91, Washington DC (USA), 1991.

Other scientific activities

I take my part of the usual scientific duties for the mathematics community: referee reports on papers; on PHDs, on "Habitations à diriger des recherches"; evaluations for grants;

I organize working groups.

I was in the committee of the colloquium in Orsay in 2013 – 2014.

I am or have been member of several ANR grants (Bandhit 2010-2014, TopData 2013-2017, Absint 2018 --)

I held a PAI Balaton 2005 – 2007.

Member of the hiring committee for direction of CIRM (2019)

Publications

59 reviewed publications, 2 books, 2 chapters of books.

See the publication list.

Teaching

Since 2015, I have half service teaching because of my charge as head of the LMO and head of the DMO, and I teach mathematical statistics in Master (first and second year).

In the rest of my career, I had a full service every year. I have taught at every level from first year of “Licence” till second year of “Master”.

I have participated to the creation of the DESS (then Professional Master) of applied mathematics in Orsay, and of the Bioinformatics degrees in Orsay.

I lectured during a semester at the IHP “Odyssée de la Statistique” in 2001.

Patent

Procédé de mise à jour continue d'un paramètre représentatif d'une grandeur physique dépendant de sa localisation, et dispositif associé. FR2012005340, 2989469-A1

Inventors: Thierry DUMONT, Elisabeth GASSIAT ; 2012.