Curriculum Vitae

1. Identification
Full professor (PR1) at the université de Bretagne Occidentale.
Laboratoire de Mathématiques de Bretagne Atlantique (LMBA) CNRS UMR 6205, Brest.
mail: benoit.saussol@univ-brest.fr
Web: http://lmba.math.univ-brest.fr/perso/benoit.saussol/
phone: +33 2 98 01 66 82

2. Career

Positions.
Doctorate, Université de Toulon et du Var and CPT Marseille 1995–1998
Postdoc, Instituto Superior Tecnico, Lisbonne, Portugal 1998–2000
Maître de conférence, Université de Picardie Jules Verne (UPJV), Amiens, 2000–2005
Professeur des Universités, Université de Bretagne Occidentale (UBO), Brest, 2005–present (Promotion PR1 in 2015 ; PEDR)

Diploma.
Doctorat (PhD) en Mathématiques, Université de Toulon, 1998 (Dir. S. Vaienti)
Habilitation à diriger des recherches, Université de Picardie, 2003

3. Responsibilities, collective duties

Administration (recent).
• Director of the Laboratory LMBA (CNRS-Université de Bretagne Occidentale-Université de Bretagne Sud, UMR 6205, Brest and Vannes, 60 permanents), 2013/08–2018/12.
• Member of the math departement council at UBO.
• Member of the scientific comitee of Labex CHL.
• Co-director of Institut Brestois du Numérique et des Mathématiques (IBNM)
• Local coordinator for the ANR Project PERTUBATIONS 2011-2015 (local budget 50k euros).
• Responsible for the Master in Mathematics at the University of Brest.
• Member of the evaluation board of Laboratoire de Probabilités et Modèles Aléatoires (LPMA), Paris 6-7, 2012.

Referee for journals.

4. Postgraduate

• Director of the thesis of Jérôme Rousseau, Brest 2007-2010. Now holds a permanent position at UFBA in Brazil.
• Co-director with Françoise Pène of the thesis of Nasab Yassine, Brest 2015-2018.
• Co-director with Jérôme Rousseau of the thesis of Adriana Coutinho, Brest and Salvador de Bahia 2016-2019.
• Co-director with Pierre Ailliot of the thesis of Marie Boutigny (CIFRE Eau du Ponant), Brest 2018-2021.
• Member of the defense committee of 8 PhD thesis in France, Brazil and Portugal. Member of the defense committee of 4 Habilitation à diriger des recherches (HDR) in France and Portugal.

5. Publications

Bibliometry.
38 publications in refereed journals. h-index ≥ 15. 4 articles with more than 50 citations (MathSciNet).

5 most representative recent publications.
• (with F. Pène) Poisson law for some nonuniformly hyperbolic dynamical systems with polynomial rate of mixing, *Ergodic Theory. & Dynamical Systems*. 25 pages. Published online.
• (with M. Abadi) Hitting and returning into rare events for all alpha-mixing processes, *Stochastic processes and their applications* 121 (2011) 314–323

5.1. Talk in Conferences.
• Dynamic Days Europe, Loughborough, UK. 2018
• Mixing Flows and Averaging Methods, ESI Vienna. 2016
• Dynamical systems, Differential equations and applications, Orlando, 2016
• Statistical Properties of Dynamical Systems, Porto, 2016
• Fractals and Related Fields III, Porquerolles, 2015
• Rare & extreme, Aber Wrac’h, 2014
• Extreme value theory and law of rare events, CIRM, 2014
• Differentiable Ergodic Theory, Dimension Theory and Stable Foliations, Oberwolfach, 2014
• Workshop Des martingales aux systèmes dynamiques, Paris, 2014
• Hyperbolicity and dimensions, CIRM, 2013
• Workshop Limit theorems in dynamical systems, Lausanne, 2013
• Ergodic Theory and Dynamical Systems: Perspectives and Prospects, Warwick, 2012
• Partial Hyperbolicity at UFRJ, Rio de Janeiro, 2011
• Large deviations in dynamical systems, CIRM, 2011
• Rencontre ANR Perturbations, Brest, 2011
• International conference on dynamical systems Jacob Palis 70, Buzios, 2011