Jean BERTOIN

Personal information:
Born 25 May 1961 in Lyon (France).
Webpage: `https://www.math.uzh.ch/index.php?id=people&key1=6119`
Mathematical Reviews ID: 237984

Employment history:
Professor at the University of Zurich since September 2011
Professor at the University Pierre and Marie Curie (1995–2011)
Part-time Professor at École Normale Supérieure Paris (1997–2000) and (2006–2010)
Chargé de Recherche C.N.R.S. (1988–1995).

Distinctions:
IMS Medallion (2018)
Prix Thérèse Gautier (grand prix thématique de l'Académie des Sciences, 2015)
Invited Lecture ECM (Krakow, 2012)
Miembro correspondiente de la Academia Mexicana de Ciencias (2011)
Membre junior de l'Institut universitaire de France (2000-2005)
Invited Lecture ICM (Pekin, 2002)
Rollo Davidson Prize (1996)
Médaille de bronze du C.N.R.S. (1993).

Editorial Committees
• **Book series:**
Cambridge Studies in Advanced Mathematics;
De Gruyter Series in Probability and Stochastics;
Lévy Matters (Lecture Notes in Maths, Springer).
• **Current journals:**
ALEA (since 2005);
Annales de l'Institut Henri Poincaré B (2001-2010 & since 2021);
Journal of the European Mathematical Society (JEMS) (since 2024);
Probability Survey (since 2004);
• **Past journals in the last 10 years:**
Annales de l'Institut Fourier (2009-2015);
Annals of Probability (2003-2005 & 2018-2023);
Journal de l'École polytechnique - Mathématiques (2013-2023);

Probab. Theory Relat. Fields
(as managing editor jointly with J.F. Le Gall 2005-2010, then as AE 2010-2015);
Stochastic Processes and their Applications (2018-2021).

PhD supervisions:
I have supervised 31 PhD students and a dozen of Post-doctorants.

List of 10 major publications

1. Counterbalancing steps at random in a random walk. *J. Eur. Math. Soc.* (2024).
2. Infinitely ramified point processes and branching Lévy processes. With Bastien Mallein. *Ann. Probab.* **47-3** (2019), 1619-1652.
3. Random planar maps & growth-fragmentation. With Nicolas Curien and Igor Kortchemski. *Ann. Probab.* **46.1** (2018), 207-260.
4. Fires on trees. *Ann. Instit. Henri Poincaré.* **48** (2012), 909-921.
5. The structure of the allelic partition of the total population for Galton-Watson processes with neutral mutations. *Ann. Probab.* **37** (2009), 1502-1523.
6. The asymptotic behavior of fragmentation processes. *J. Euro. Math. Soc.* **5** (2003), 395-416.
7. Stochastic flows associated to coalescent processes. With J.-F. Le Gall. *Probab. Theory Relat. Fields* **126** (2003), 261-288.
8. Eternal solutions to Smoluchowski's coagulation equation with additive kernel and their probabilistic interpretations. *Ann. Appl. Probab.* **12** (2002), 547-564.
9. The inviscid Burgers equation with Brownian initial velocity, *Commun. Math. Phys.* **193** (1998), 397-406.
10. An extension of Pitman's theorem for spectrally positive Lévy processes, *Ann. Probab.* **20** (1992), 1464-1483.