CURRICULUM VITAE, Adeline Leclercq-Samson

Date and place of birth: 10 December 1979, Laboratoire Jean Kuntzmann, CNRS, Univ. Grenoble Alpes, France

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Scientific Focus Areas: Statistics, Stochastic processes, Computational statistics, Biostatistics, Mathematical modeling in biology and ecology.

Education

2006	PhD Biostatistics, Universite Pierre et Marie Curie, France
2004	MSc Statistics, Universite Pierre et Maris Curie, France
2003	MSc Public Health, Universite Paris-Sud, France

Positions

2013-present	Professor of Mathematics, Univ. Grenoble Alpes
2007-2013	Ass. Professor of Mathematics, Univ. Paris Descartes
2006-2007	Post doc same place
2003-2006	PhD-student INSERM U736, Hopital Bichat-Claude Bernard, Paris

Project management, Academic Service, Professional activities

2020-...	Co-head of CNRS UMR 5224 Laboratoire Jean Kuntzmann (300 members)
2020-...	Head of MaiMoSine (Federal structure to promote industrial collaborations with the academic community in mathematics and computer science)
2020-2022	Council member of the Federation of European National Statistical Societies
2016-2022	Elected vice-president French Statistical Society
2015-2020	Head of the Statistics and Probability Department, LJK (70 members)
2014-..	Associate Editor International Journal of Biostatistics
2014-..	Associate Editor Scandinavian Journal of Statistics
2010-2016	Council member of the French Statistical Society
2010-2016	Elected council member of the French Applied Math Society

Selected recent research grants, Industrial collaborations

2022-2026	International Research Network MaDEF, Mathematics in Denmark and France, funded by CNRS (co-PI)
2020-2024	Chair Multidisciplinary Institute in Artificial Intelligence (member)
2019-2021	Grenoble Alpes Data Institute (PI)
2017-...	Numerous industrial collaborations with bioMerieux, Sporttesting, Solvay, Odit-e, Constellium, E-Cential Robotics, etc (PI)
2015-2017	Agence de Lutte contre le Dopage (co-PI)

Supervision

- PhD students: M. Sadeler (current, 2024-), V. Bertrand (current, 2024-), A. Delporte (current, 2022-), T Ardouin (2021-2024), G Bottaz-Bosson (2018-2022), A Melnykova (2017-2020), M Diabate (2016-2019), M. Grosse Ruse (2014-2018), E Ollier (2014-2017), C Dion (2013-16), C Petit (2013-16), C Denis (2009-12), J Stirnemann (2009-12)

- Postdocs: K Polisano (2018-2019), K Eyboosh (2022-2023), C Fonte Sanchez (current)

- Supervised > 35 MSc theses. Teaching at all university levels

Scientific activities

2006–present Published 66 papers in peer-viewed international journals, two proceedings, one book chapter

2006–present Co-organizer of various scientific meetings, e.g. "Science Reproductible", Grenoble, Avril 2021; "Data Institute Workshop", Grenoble, 2019; "IA : quelle confiance ? quelle transparence", Paris, 2018; "Journees de Statistique", Avignon, 2017; "Math job fair", Paris, january 2012, january 2013, december 2013 and 2014.

2009–present Participated in 30 assessment and hiring committees at assistant professor and professor level.

2008–present Opponent at 40 PhD defenses.

2006–present Presented more than 80 scientific talks, of which 50 invited

5 most significant publications

- *Parameter estimation in nonlinear multivariate stochastic differential equations based on splitting schemes*, Pilipovic P, Samson A, Ditlevsen S, **Annals of Statistics**, 2024.

- *Inference for biomedical data using diffusion models with covariates and mixed effects*, Grosse Ruse M, Ditlevsen S, Samson A, **J Royal Statistical Society C**, 2020.

- *Hypoelliptic diffusions: discretization, filtering and inference from complete and partial observations*, Ditlevsen S, Samson A, **J Royal Statistical Society B**, 2019.

- *Stochastic Proximal Gradient Algorithms for Penalized Mixed Models*, Fort G, Ollier E, Samson A, **Statistics and Computing**, 2019.

- *Hypoelliptic stochastic FitzHugh-Nagumo neuronal model: mixing, up-crossing and estimation of the spike rate*, Leòn JR, Samson A, **Annals of Applied Probability**, 2018.