
Positions, Fellowships & Invitations

2025 – to day	Full Professor of Mathematical Sciences – Centre Borelli, ENS Paris-Saclay in charge of the MVA master’s programme course on <i>Interactions & Complexity</i>
Jul. – Dec. 2024	Invited Fellow – Isaac Newton Institute , Cambridge, UK
April 2024	Invited Fellow – Alan Turing Institute , London, UK
2022 – 2025	Chair for <i>Mathematical Models of Complexity</i> – ENS Paris-Saclay
Nov. – Dec. 2021	Invited Professor – Euler International Institute , St Petersburg, Russia
2020 – to day	<i>Alliance Associate Professor</i> – Columbia University , New York, USA
2020 – to day	Affiliate Professor – UM6P , Benguerir-Rabat-Casablanca, Morocco
2014 & 2016	<i>EU Mobility Professorships</i> Univ Ca’ Foscari (Venice) - Federico II (Naples)
Sept. 2010 - 2022	Associate Professor – Univ. Paris 1 Panthéon Sorbonne
Sept. 2009 - 2010	Postdoc. <i>Exzellenzcluster Complex Systems</i> – Uni. Saarland , Saarbrücken (Germany)

Education

2018	Habilitation - Mathematics – Univ. Paris-1 Panthéon Sorbonne
2006 - 2009	PhD - Theoretical Physics – Univ. Paris-Sud Orsay “Extreme value statistics of Brownian motion”, dir.: S. Majumdar & A. Comtet
2002 - 2006	Master Mathematics & Theoretical Physics ‘Part III’ , Univ. Cambridge , UK
2000 - 2002	<i>Classes Préparatoires aux Grandes Écoles</i> (MPSI, MP*), Louis-le-Grand , Paris
2000	Award winner at Concours Général (France’s oldest high school competition, since 1747)

Awards / Grants [main ones, from 2020 onward]

- co-PI, *Foundation Models*, **France 2030 AI Clusters Synergy Chairs**, 1M€, 2025-28
- in *Tituli*, **ANR** (French National Research Fund), 1M€, 2024-28
- in *LostMA*, **ERC** Starting Grant (with J-B. Camps), 2.5M€, 2023-27
- in *SAFEPAW*, ANR PEPR *Santé numérique* **France 2030** (with C. Milcent), 1.5M€, 2023-27
- in *Models of Autonomy*, ANR PPR *Autonomie* **France 2030** (with A. Singh-Manoux), 1.5M€, 2023-27
- PI, Chair for *Mathematical Models in the HSS*, ENS Paris-Saclay - ANR, 0.6M€, 2022-25
- BASIS Foundation **Award for the Advancement of Theoretical Physics and Mathematics**, 2021
- **Alliance Fellowship – Long-Term Visiting Scholar Program** **Columbia University**, New York, 2020

Collective Activities & Industry Collaborations [a selection, from 2020 onward]

- **Co-founder & co-coord.** of *Complexity, Humanities, Art, Societies* at Centre Borelli, Paris-Saclay (2025 - ...)
- Member of **Steering Committee – French Society for Complex Systems** CSS local chapter (2023 - ...)
- Dean for **International Relations** (Faculty of Math. & Comp. Sciences, Paris-1, 2019 – 22)
- Referee and/or editor for agencies (**ERC**, ANR, DFG, ...) & journals (**Nature**, **Science**, **PRL**,...)
- Indust. Collab.: [Deepika AI](#), [Google Deepmind](#), [Fives](#), [KMSD](#), [Edumapper](#), [Mews Labs](#), ...

Some publications

- G. N’Dow, J.R-F et al., *Hep. B Vaccination in The Gambia: a Population-based Analysis*.
The Lancet Global Health 14 (2) e242-e250 (2026)
- J. R-F, D. Zaporozhets, *Convex Hulls of Random Walks*. **Jour. Math. Sciences**, 281(1), 168-195. (2024)
- J. R-F, P. Salminen, P. Vallois. *On a first hit dist. of the running max. of Brownian motion*
Stochastic Processes and their Applications, 150, 1204. (2022)
- B. de Bruyne, J. R-F, S. Redner. *Optimization in first-passage resetting*. **PRL**, 125(5), 050602. (2020)
- M. Olteanu, J. R-F, W. Clark. *Segregation through the multiscale lens*. **PNAS**, 116(25), 12250. (2019)