

## CNRS researcher

Laboratoire PHENIX (Physical Chemistry of Electrolytes and Interfacial Nanosystems)  
Sorbonne Université – 4 place Jussieu – 75005 Paris

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Personal webpage : <https://pierreillien.github.io/>

## Research interests and keywords

nonequilibrium statistical physics, theory and modelling of soft and active matter, tracer diffusion in complex media, stochastic processes, Brownian dynamics simulations, low Reynolds number hydrodynamics

## Education

2022	<b>Sorbonne Université</b> , Habilitation thesis
2012 – 2015	<b>Université Pierre-et-Marie-Curie</b> , PhD thesis <i>Fluctuations and correlations of a driven tracer in a hardcore lattice gas</i> (supervision : O. Bénichou)
2009 – 2013	<b>École Normale Supérieure</b> , Paris Master in fundamental physics, specialization in statistical physics and soft matter
2007 – 2009	<b>Classes préparatoires</b> (intensive training in maths, physics, chemistry, Lycée Saint-Louis, Paris)

## Academic positions

01/2019 – présent	<b>Laboratoire PHENIX, CNRS/Sorbonne Université, Paris</b> CNRS researcher
09/2017 – 12/2018	<b>ESPCI Paris, Laboratoire Gulliver</b> Postdoctoral researcher, group of Olivier Dauchot
07/2017 – 09/2017	<b>Max Planck Institute for the Physics of Complex Systems, Dresden</b> Visiting researcher
09/2015 – 06/2017	<b>University of Oxford, Rudolf Peierls Centre for Theoretical Physics</b> Postdoctoral researcher, group of Ramin Golestanian

## Teaching

2018 – 2023	<b>ESPCI Paris</b> – Mathematics for physicists (tutorials)
2016 – 2017	<b>University of Oxford</b> – Nonequilibrium statistical physics (tutorials)
2013 – 2015	<b>Université Pierre-et-Marie-Curie</b> – Thermodynamics, electrodynamics

## Administrative service

2021 – 2025	Elected member of Comité National du CNRS
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## Editorial activities

2024 – présent	Editorial Board Member for <i>New Journal of Physics</i>
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## Supervision of PhD students

Current: Jacques Fries (since 2022)

Past: Jeanne Decayeux (2019-2022), Pierre Rizkallah (2020-2023)

## Scientific production

Full list of publications available on my [personal webpage](https://pierreillien.github.io/).