

Laboratoire Jean Perrin (UMR 8237)
CNRS & Sorbonne Université
Paris, France

Google scholar: Silvia Grigolon
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Born on October, 7th 1987 in Rome, Italy
Italian (native), English (fluent), French (fluent)

Research interests:
Statistical and out-of-equilibrium physics
Mathematical biology
Bioinformatics

Silvia Grigolon

CNRS Research Scientist

Experience

- 2021 – today **CNRS Research Scientist (CRCN)**, *Sorbonne Université, Laboratoire Jean Perrin*, Paris, France
Ranked 1st ex aequo (CID 51 and Section 5, former 2).
- 2020 – today **Visiting Research Scientist**, *The Francis Crick Institute*, London, UK
Caroline Hill's Lab
- 2020 – 2021 **Postdoctoral Research Fellow**, *Sorbonne Université, Laboratoire Jean Perrin*, Paris, France
with Raphaël Voituriez
- 2015 – 2020 **Postdoctoral Research Fellow**, *The Francis Crick Institute*, London, UK
with Guillaume Salbreux

Education

- 2015 **Ph.D. in Theoretical Physics**, *Université Paris-Sud XI*, Orsay, France
Supervisors: Silvio Franz and Olivier Martin

Awards, distinctions & qualifications

After 2021:

- 2024 **ANR JCJC** by Agence Nationale de la Recherche for the project LiPhysiX (280 k€).
Role: Main PI.
- 2024 **CEFIPRA** for France and India collaborations (1 Ph.D. fellowship and fundings for travel). Principal coordinators: Arejit Samal and Olivier C. Martin. Role: Main Collaborator.
- 2024 **80Prime** by MITI CNRS for one PhD scholarship and yearly allowance (11.5 k€) for the project CELL-MIGRA-GLASS with Benoit Ladoux. Role: Main PI.
- 2023 **PEPR Santé Numérique** by France 2030 and ANR within the French network AI4scMED. Principal coordinator: Franck Picard (ENS Lyon). Role: PI for Sorbonne Université.
- 2022 **ICL-CNRS fellowship** by Imperial College London for a three-months stay (6 k£).
Role: Main Recipient.
- 2022 **Tremplin@INP 2022** by CNRS (20 k€). Role: Main PI.

Teaching and mentoring

Since 2012, more than 200 hours in different courses such as Mathematics, Computational Physics and Programming and Introduction to Mathematical Biology at different institutions (e.g., University College London, Sorbonne Université, ESPCI).

Student supervision

- Ph.D. Mathéo Aksil (2024-on going, also M2 internship), Paul Sitoleux (2024-on going, also M2 internship, with Aleksandra Walczak and Thierry Mora), Suchetana Mitra (2024-on going, Université Paris-Saclay, with Olivier C. Martin)
- Master Roberto Netti (2022, Sorbonne Université and Politecnico di Torino, Italy, with Olivier C. Martin), Kristiana Mihali (2023, Université Paris-Saclay), Felix Wang (2023-2024, Imperial College London, with Barbara Bravi), Raffaella Renzulli (2025, Politecnico di Torino, Italy, with Carla Bosia)
- Bachelor Sam-Rayden Malanda (2023, Sorbonne Université), Vincent Hulot (2023, Engineering School Da Vinci, Paris)

Conference and meeting (co-)organisation

After 2021:

- 2025 Co-organiser with Hugo Wioland (IJM, Paris) and Morgan Chabanon (Centrale Supélec, Saclay) of the annual conference of Physics of Living Systems for Société Française de Physique, Paris.
- 2023 Co-organiser with Pierre Ronceray (CENTURI, Marseille) of the mini-conference of Physics of Living Systems at Congrès Général de la Société Française de Physique, Paris
- 2021-2023 Organiser with Clément Nizak of the seminars at Laboratoire Jean Perrin, Sorbonne Université, Paris

Research visits

After 2021:

- Aug 2024 - Sep 2024, Nov 2024 Dipartimento di Fisica, Sapienza Università di Roma, Italy
- Feb 2024 - Apr 2024 Department of Mathematics, Imperial College London, UK

Service to the community

- Peer Review for several physics and interdisciplinary journals (e.g., ELife, Nature Physics, Physical Review Letters, etc.)
- Peer review for Alexander von Humboldt-Stiftung Foundation
- Member and secretary of the office of Physics of Living Systems at Société Française de Physique
- Member of the council of the Faculty of Physics at Sorbonne Université, Paris

Invited and contributed talks and posters

- since 2012 More than 50 talks (invited and contributed) and poster presentations at international conferences.

List of publications

- since 2015 15 publications on peer-reviewed interdisciplinary journals (plus one under review, one to be submitted and three in preparation). Full list on my website or Google Scholar profile