CRISTINA TONINELLI – CURRICULUM VITAE

PRESENT POSITIONS

- Since 10/2018 : **Directeur de Recherche (senior researcher) CNRS** in mathematics at Centre de Recherche en Mathénatiques de la Décision, Univ. Paris Dauphine - PSL
- Since 09/2022 : **Professor** at DMA, Ecole Normale Superieure Paris

PAST POSITIONS

- 10/2006−09/2018: **CNRS researcher** at Laboratoire de Probabilités et Modéles Aléatoires (now LPSM) Univ. Paris Sorbonne & Paris Cité
- 10/2003 − 09/2006: **postdoc** at LPT, ENS Paris et LPTMS Univ. Paris XI

STUDIES

- 2016 **Thèse d'habilitation à diriger les recherches**, Univ. Paris VII
- 2000-2003 **PhD - Univ. La Sapienza (Roma)**, supervisor G.Jona Lasinio
- 1996-2000: **Master Degree in Physics**, Univ. La Sapienza (Roma)

STUDENTS and POSTDOCS

Supervision of the following PhD students:

- 2026-. . . J.Vast (codirection with F.Simenhaus)
- 2025-. . . F.Vaccari (codirection with P.Caputo)
- 2025-. . . G.Clerc (codirection with O.Blondel)
- 2024-. . . Z.Ouyang (codirection with G.Barraquand)
- 2023-2026 B.Massoulié (codirection with C.Erignoux)
- 2020-2024 E.Petit (codirection with C.Labbé)

- 2019-2022 I. Hartarsky (Thesis Prize Jacques Neveu 2022)
- 2016-2019 L. Marêché
- 2016-2019 A.Shapira
- 2010-2013 O.Blondel (codirection with T.Bodineau)

Supervision 3 postdocs (R.Szabó, E. Slivken, A. Deshayes) and 8 master students.

GRANTS

- **PI of ERC Starting Grant** 2016 – 2021 "A mathematical approach to the liquid-glass transition: kinetically constrained models, cellular automata and mixed order phase transitions"
- **Co-PI of PSL Statistical Physics and Mathematics "Grand Programme"** see https://www.ceremade.dauphine.fr/dokuwiki/psl-spm:start

PEDAGOGICAL RESPONSABILITIES

- Since 2022 director of the L3 double cursus mathematics and physics at ENS
- 2021-2026 director of master 2 MATH of Univ.Dauphine - PSL;
- 2021-2026 coordinator of the double master diploma MAPPA - Dauphine and Padue

EDITORIAL ACTIVITY

- Since january 2024 Chief Editor of Electronic Journal of Probability
- Associate Editor of Electronic Journal of Probability and Electronic Communications in Probability (2021-2023)
- Associate Editor of Journal of Statistical Physics (2018-2023)

PRIZES et DISTINCTIONS

- 2026 CNRS Silver Medal
- 2021 *Prix Marc Yor* Académie des sciences

PUBLICATIONS

See https://www.ceremade.dauphine.fr/ toninelli/pubCT.html for an updated list.