

## Sylvia Serfaty (b. 1975)

Born and raised in Paris, Sylvia Serfaty obtained her PhD from Université Paris-Sud (1999). She is currently a Silver Professor at Courant Institute of Mathematical Sciences, having previously worked at the Université Pierre et Marie Curie Paris 6, Centre National de la Recherche Scientifique, and Ecole Normale Superieure of Cachan. Serfaty's research involves partial differential equations and mathematical physics, and Ginzburg-Landau theory in particular. Serfaty

won the European Mathematical Society (EMS) Prize for her contributions to the Ginzburg–Landau theory (2004), the Henri Poincaré Prize (2012), the Grand prix Mergier-Bourdeix de l'Académie des Sciences de Paris (2013), delivered an ICM plenary (2018), and was elected to the American Academy of Arts and Sciences in 2019.

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