

# Jeremy Quastel

Professor at University of Toronto, Department of Mathematics

Toronto, ON, CA

Jeremy Quastel researches probability, stochastic processes, and partial differential equations.

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## **Biography**

A specialist in probability theory, stochastic processes and partial differential equations, Jeremy Quastel has been at the University of Toronto since 1998. A native of Canada, he studied at McGill University, then the Courant Institute at New York University where he completed his PhD in 1990 under the direction of S.R.S. Varadhan. He was a postdoctoral fellow at the Mathematical Sciences Research Institute in Berkeley, then was a faculty at UC Davis until he returned to Canada in 1998. His research is on the large scale behaviour of interacting particle systems and stochastic partial differential equations. He was a Sloan Fellow in 1996-98, an invited speaker at the International Congress of Mathematicians in Hyderabad 2010, gave the Current Developments in Mathematics 2011 and St. Flour 2012 lectures, and was a plenary speaker at the International Congress of Mathematical Physics in Aalborg 2012.

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## **Industry Applications**

Education/Learning, Research

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## **Research Interests**

Probability, Stochastic Processes, Partial Differential Equations

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