Ivan Corwin wins 2021 Loève Prize

The 2021 Line and Michel Loève International Prize in Probability is awarded to Ivan Corwin of Columbia University. The prize, which carries a monetary award of $30,000, will be presented at a ceremony in Berkeley in Fall 2021.

Ivan Corwin received his PhD in 2011 under Gérard Ben Arous at New York University. He is best known for his work on the KPZ (Kardar–Parisi–Zhang) model and variants, which arise from many different models from statistical physics. Over the last decade, this has become one of the most active and deep areas of mathematical probability. Starting with his influential 2012 survey, *The Kardar–Parisi–Zhang Equation and Universality Class*, and continuing with a long sequence of technical papers with numerous co-authors, Corwin has become the recognized leader in this area, proving rigorously some predictions from physics, establishing numerous precise mathematical properties and formulas, and elucidating the connections with related process such as ASEP.

The Prize commemorates Michel Loève, Professor at the University of California, Berkeley, from 1948 until his untimely death in 1979. The Prize was established by his widow, Line, shortly before her death in 1992. Awarded every two years since 1993, it is intended to recognize outstanding contributions by researchers in probability who are under 45 years old.