

Keywords

- **Dimer models / random \$ tilings / determinantal processes** Ο
- Symmetric functions: Schur / Macdonald / Hall-Littlewood polynomials; their spin deformations; Whittaker functions
- **Robinson-Schensted-Knuth (RSK) correspondences,** Ο randomized bijections a la RSK; bijections a la RSK
- Integrable stochastic particle systems with many parameters: Ο noncolliding walks, random polymers, ASEP,
- Stochastic vertex models, X Yang-Baxter equation

