

Publications :

1. Avec Philippe Bougerol, *Pitman transforms and Brownian motion in the interval viewed as an affine alcove*, à paraître aux Annales Scientifiques de l'École normale supérieure
2. *Kirillov–Frenkel character formula for loop groups, radial part and Brownian sheet*, Annals of probability (2019), 20 pp.
3. *Affine Lie algebras and conditioned space-time Brownian motions in affine Weyl chambers*, Probability Theory and Related Fields (2016), 17 pp.
4. *Fusion coefficients and random walks in alcoves*, Ann. Inst. Henri Poincaré Probab. Stat. (2016), 20 pp.
5. *An interacting particle model and a Pieri-type formula for the orthogonal group*, Journal of Theoretical Probability (2012), 21 pp.
6. *Interacting particle models and the Pieri-type formulas : the symplectic case with non equal weights*, Electron. Commun. Probab. 17 (2012), no. 32, 12 pp.
7. Avec François Chapon, *Quantum random walks and minors of Hermitian Brownian motion*, Canad. J. Math. 64 (2012), 16 pp.
8. *Generalized Laguerre unitary ensembles and an interacting particles model with a wall*, Electron. Commun. Probab. 16 (2011), 11 pp
9. *Orbit measures, random matrix theory and interlaced determinantal processes*, Ann. Inst. Henri Poincaré Probab. Stat. 46 (2010), 41 pp.
10. *Orbit measures and interlaced determinantal processes*, C. R. Acad. Sci. Paris, Ser. I 346 (2008).