

Phd student (last year)

Supervisors : H. Saleur and J.L. Jacobsen (LPTENS)

- Lattice operators in the 2D and 3D Potts model
- Entanglement in non-unitary quantum critical spin chains
- Truncations of non-compact spin chains
  - Transition between plateaux in the IQHE
  - Brownian motion
- Renormalisation group flows in the quantum Hall effect
  - Class A and class C
- Tensor networks