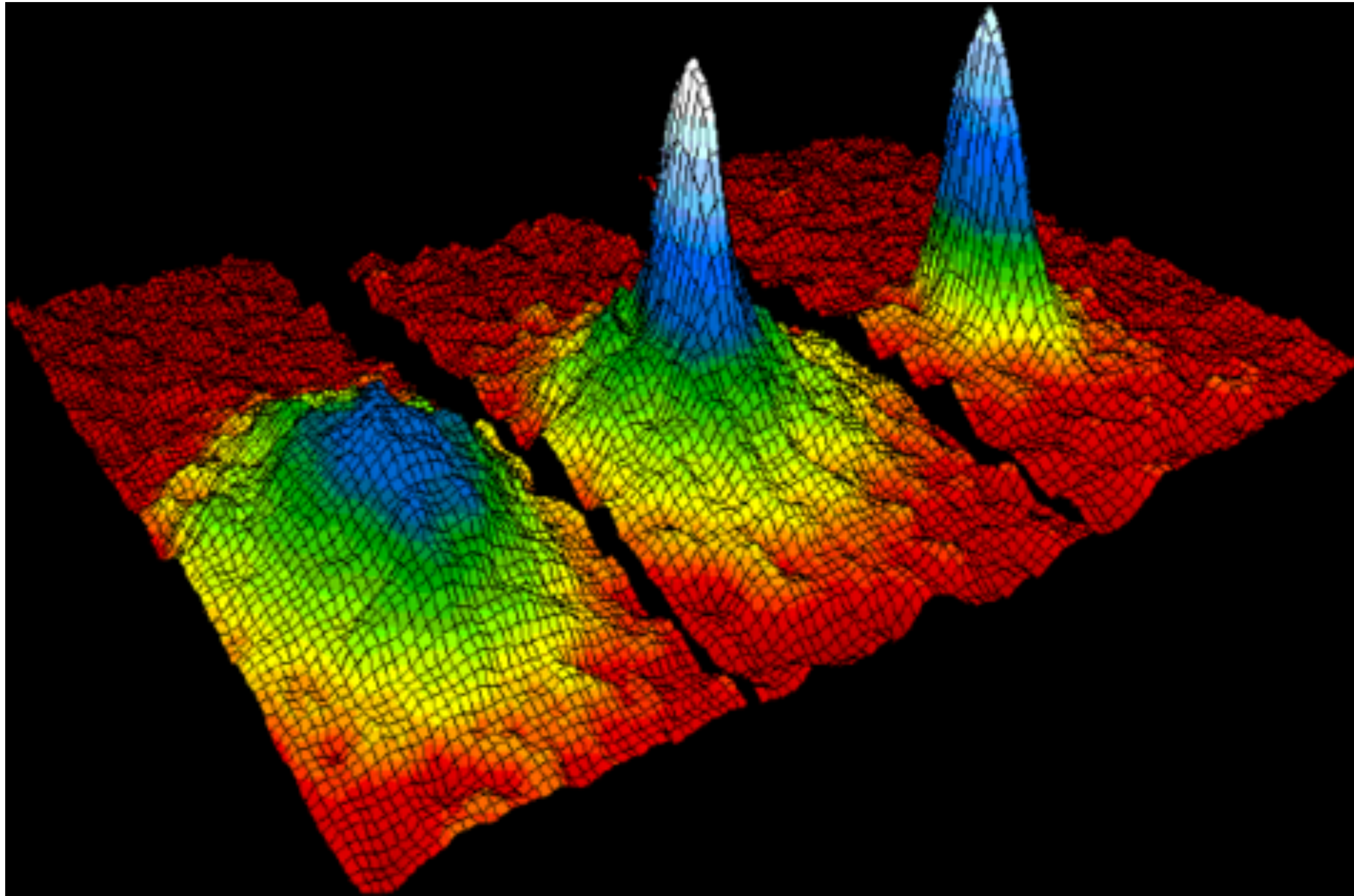
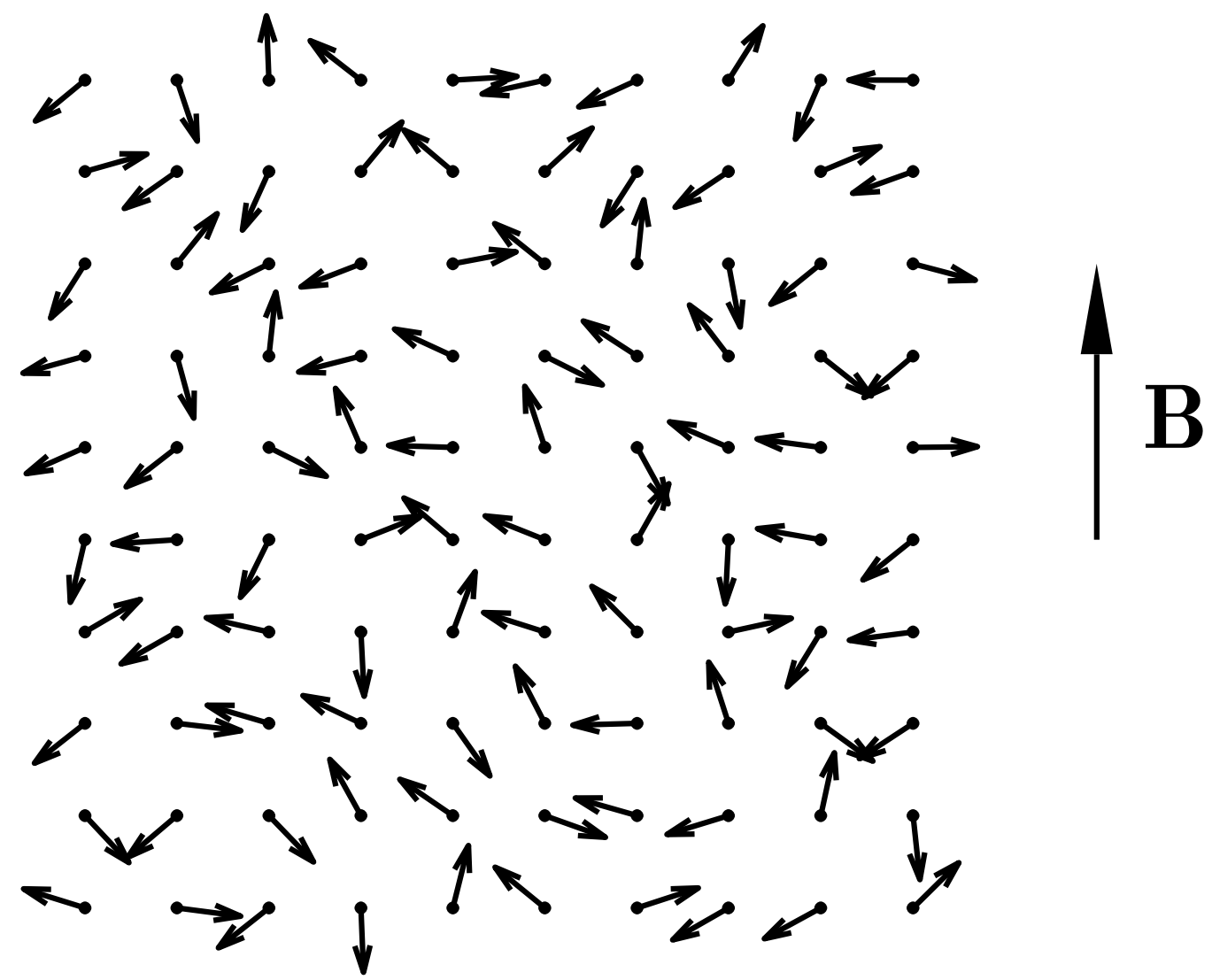


Bose Condensation in Atomic Gases: Cornell, Weiman, Ketterle '95



What is seen is that above a certain temperature one has an ensemble of atoms with a range of momenta.

Below specific temperature a significant fraction of the atoms are in a single quantum state, the ground state — (the blue spike).



(a) high temperature



(b) low temperature

Picture of paramagnetic material