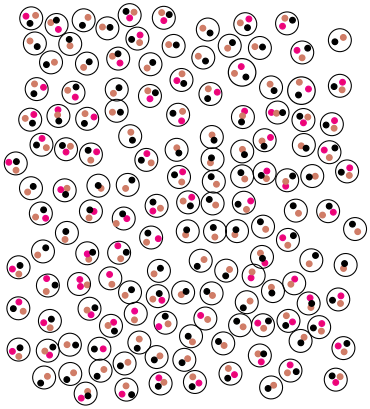
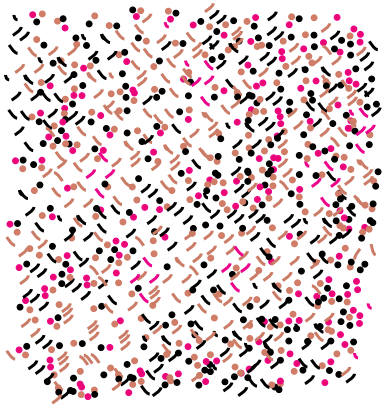
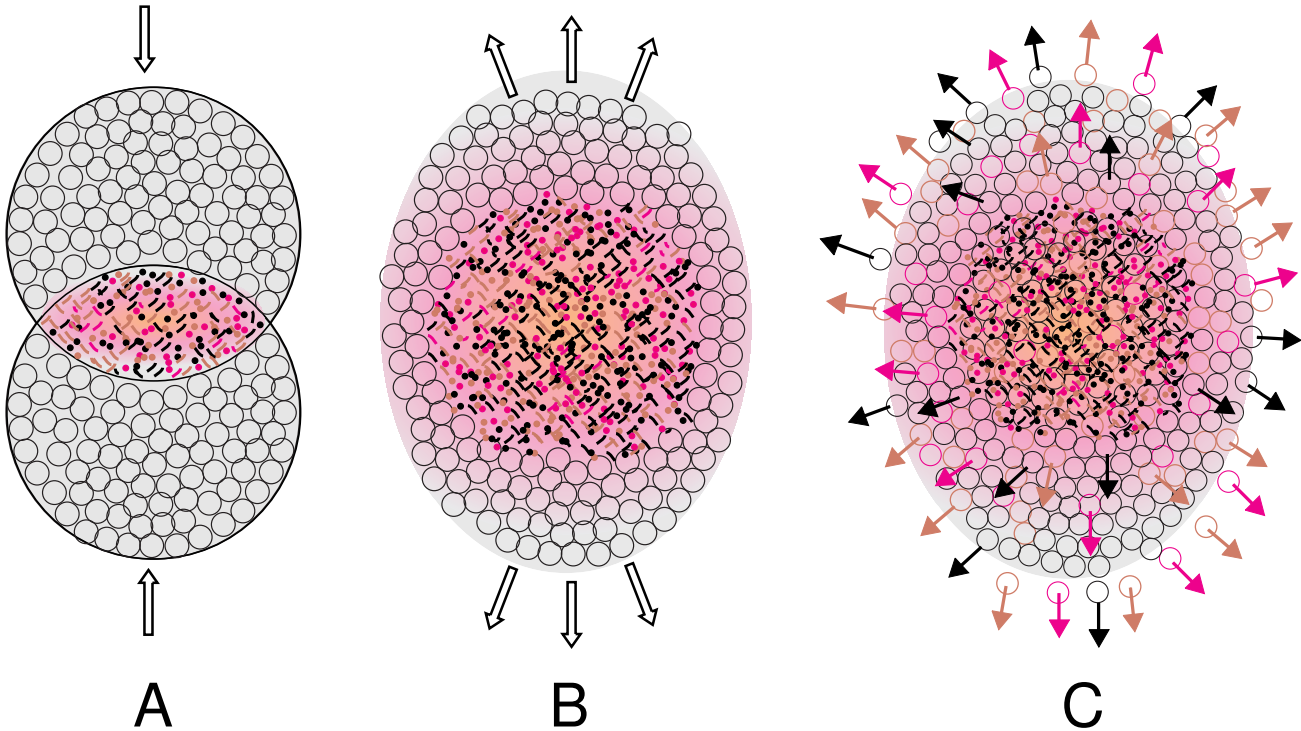
NUCLEAR MATTER



Hadrons (p,n,π,Δ....)in close packing:
a quantum **liquid** with a temperature limit
$T \leq T_{critical}$

QUARK GLUON MATTER



Quarks (u,d,s,...,3 colours) and Gluons
in dilute packing: a quantum **Gas ?**
Opposite temperature limit:
$T \geq T_{critical}$

COLLISION OF TWO NUCLEI