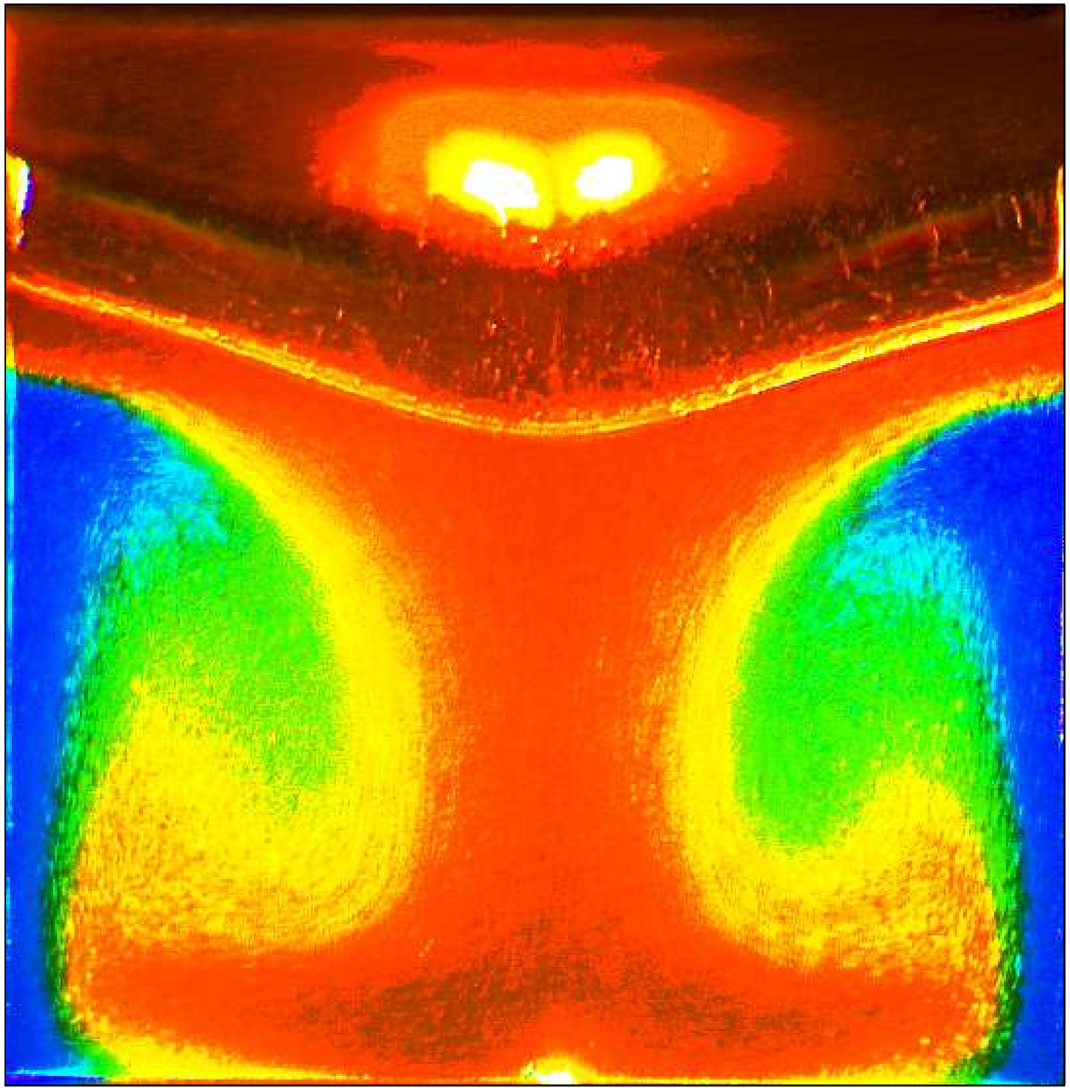
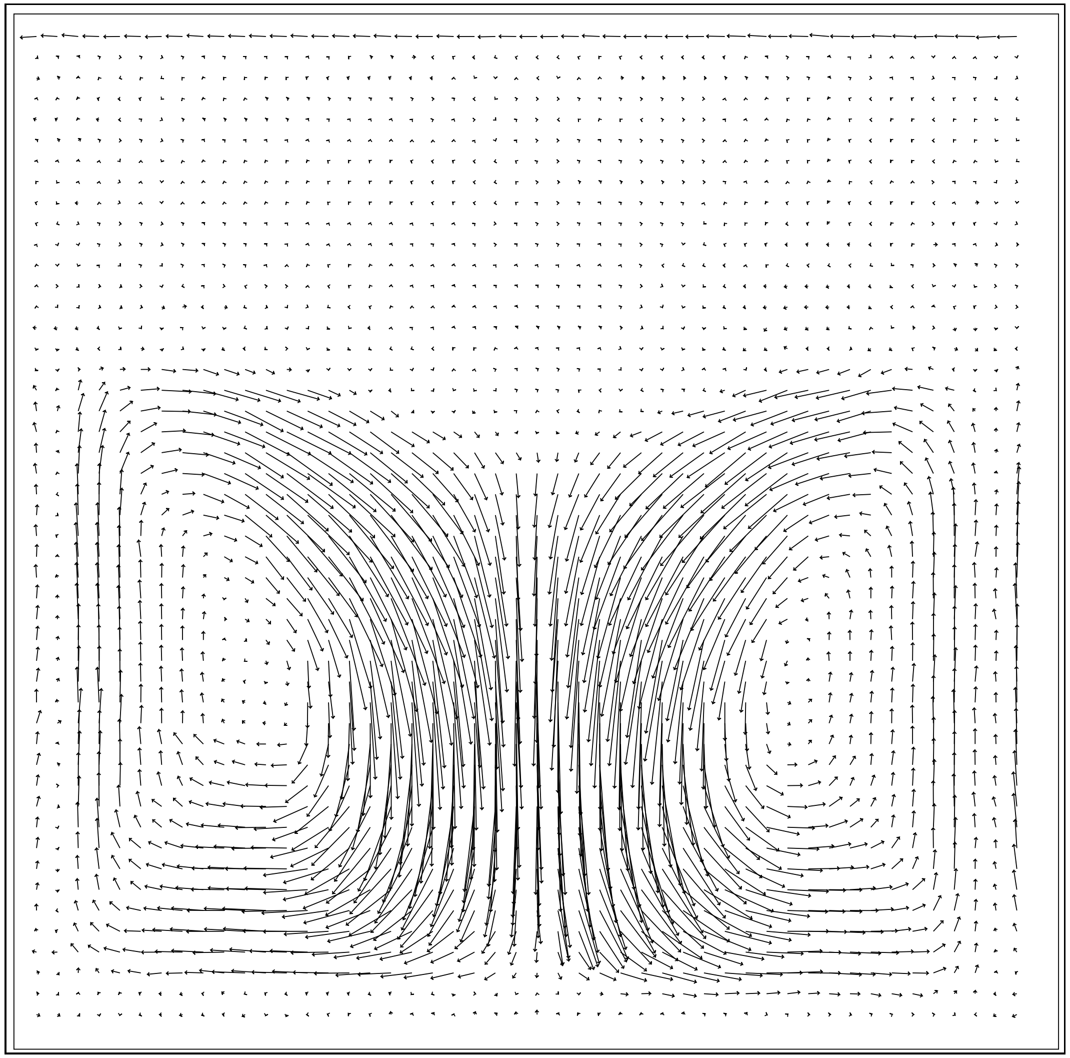
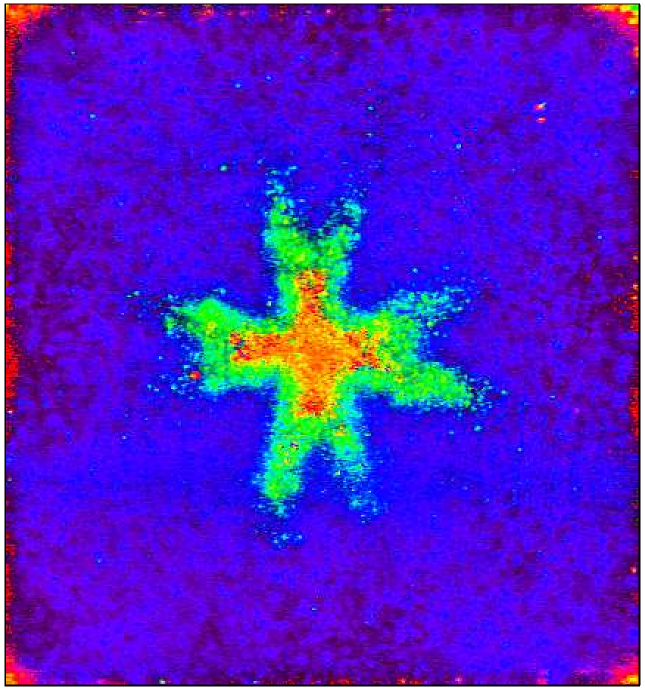
Ice growing in the lid cooled cavity.
Measurement of the temperature and velocity fields using liquid cystals (PIV & T)



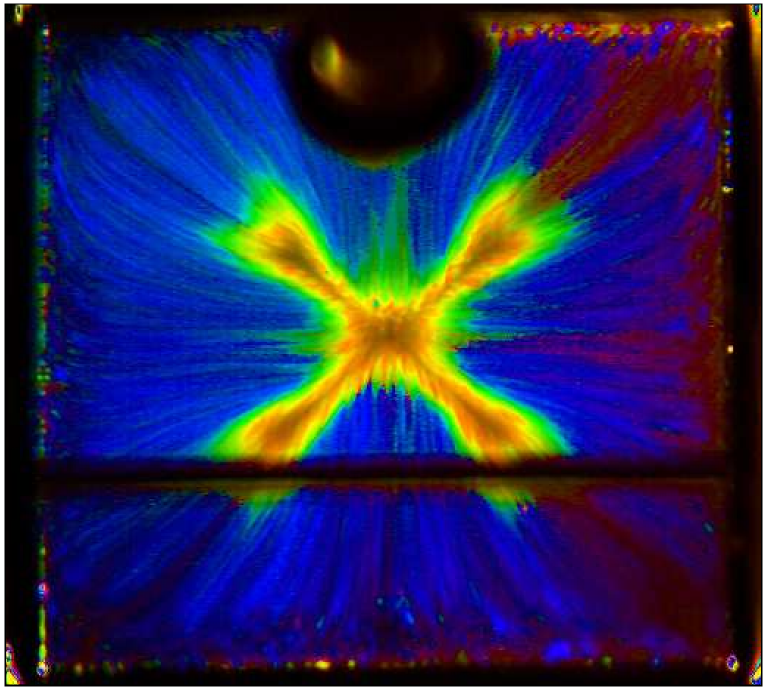


Plexiglass walls: $T_h = 20^o C$, $T_c = -10^o C$.

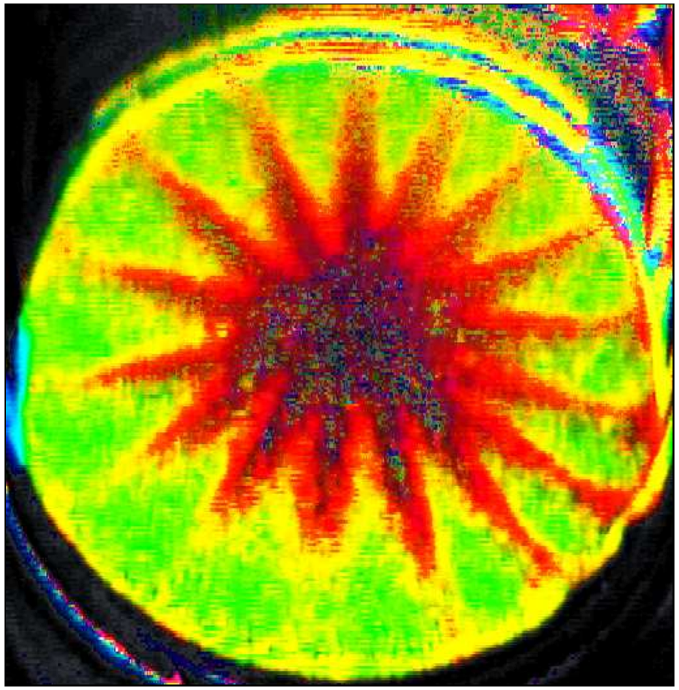
Visualization of temperature fields under cooled lid using liquid cystals.



Cube: Plexiglass walls



Glass walls



Glass cylinder