

# Parameters to be used in PLD 1

- Wave length of laser = 248 nm (KrF excimer laser)
- Pulse width = 30 ns
- Temperature  $T=700^{\circ}\text{C}$
- Deposition pressure  $P=10^{-4}$  mbar
- Substrate-target distance = 55mm
- Frequency = 5Hz
- Energy Density =  $1.6 \text{ J}/\text{cm}^2$
- Annealing Pressure =  $2 \times 10^{-5}$  mbar
- Substrate = Cuprous oxide foil

