

Figure 1: Molecular structure of $[(\text{NHC})\text{Ag}(\text{hmds})]$. [1]

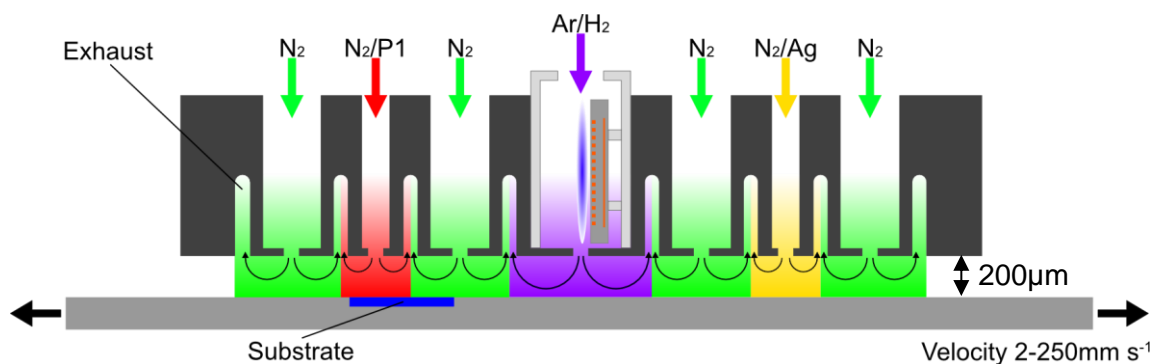


Figure 2: Schematic of the Plasma Enhanced Spatial ALD System.

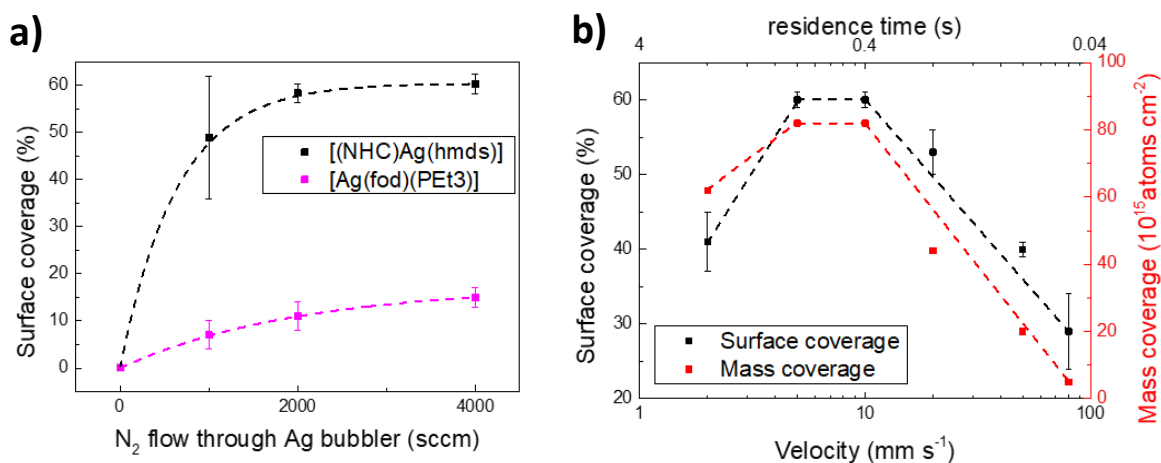


Figure 3: a): Surface coverage as a function of N_2 flow through the Ag bubbler for $[(\text{NHC})\text{Ag}(\text{hmds})]$ and $[\text{Ag}(\text{fod})(\text{PEt}_3)]$ Precursor. Films are deposited at 100°C with a substrate velocity of $v=5\text{mm/s}$ and 300 ALD cycles. b): Surface coverage (black) and mass coverage (red) as a function of the substrate velocity and residence time for the $[(\text{NHC})\text{Ag}(\text{hmds})]$ precursor, respectively. Films are deposited at 100°C with an N_2 flow of 4000 sccm through the Ag bubbler and 300 ALD cycles. Mass coverage was determined by Rutherford Backscattering Spectrometry.