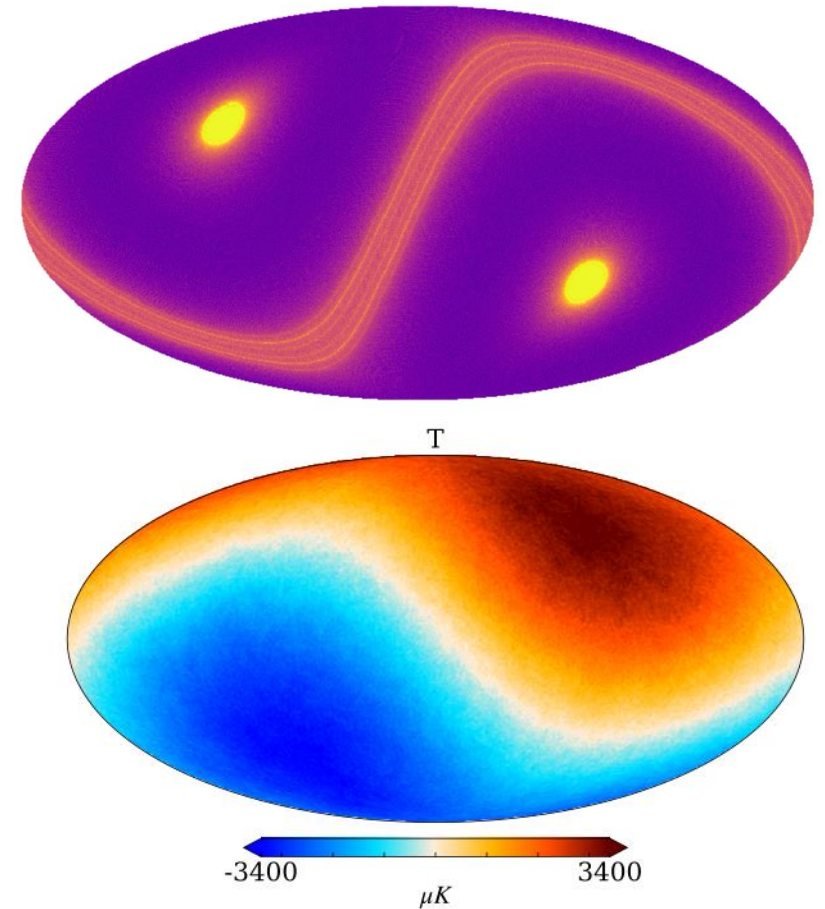
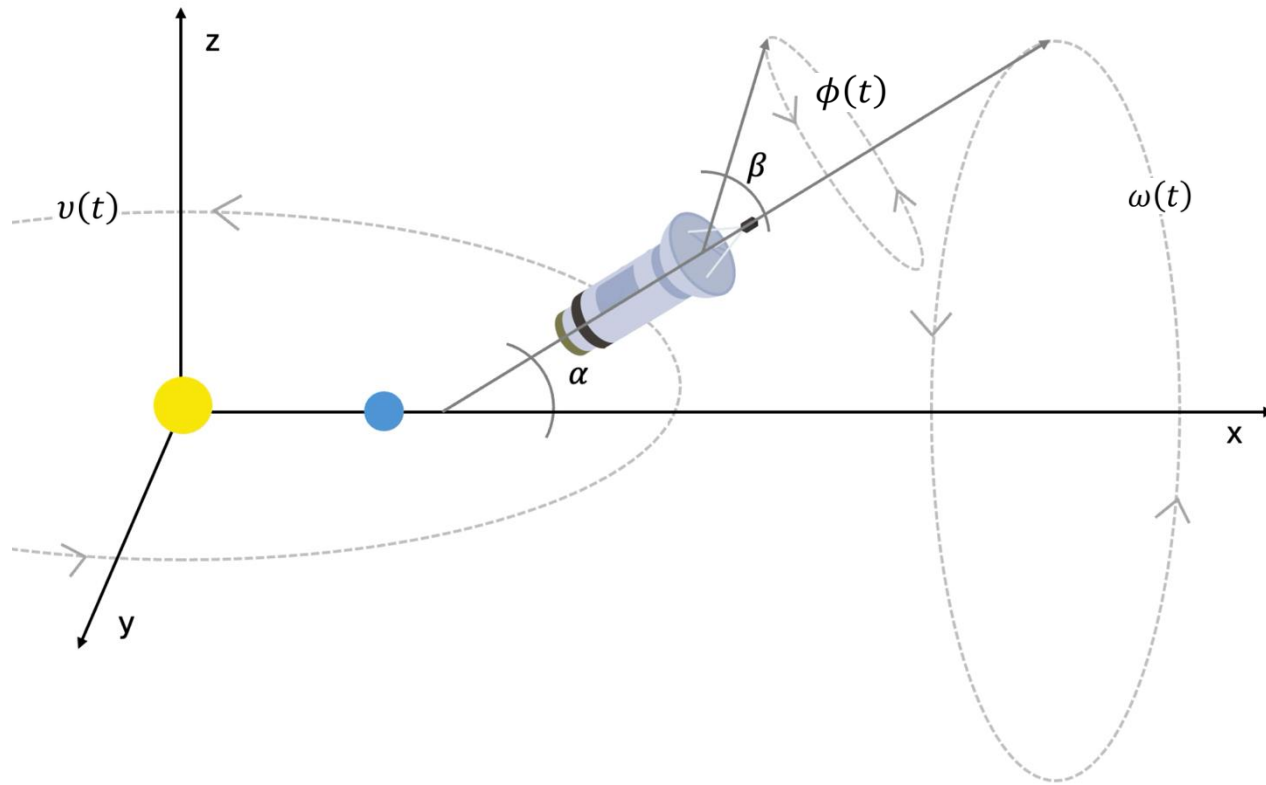


# Scanning Strategy Optimisation for Next-Generation CMB Experiments



$$\mathbf{R}(v(t), \omega(t), \phi(t), \alpha, \beta, \eta, \zeta, \psi) = \mathbf{R}_z(v(t))\mathbf{R}_x(\omega(t))\mathbf{R}_y(\pi/2 - \alpha)\mathbf{R}_z(\phi(t))\mathbf{R}_y(\beta)\mathbf{R}_z(\eta)\mathbf{R}_y(\zeta)\mathbf{R}_z(\psi)$$