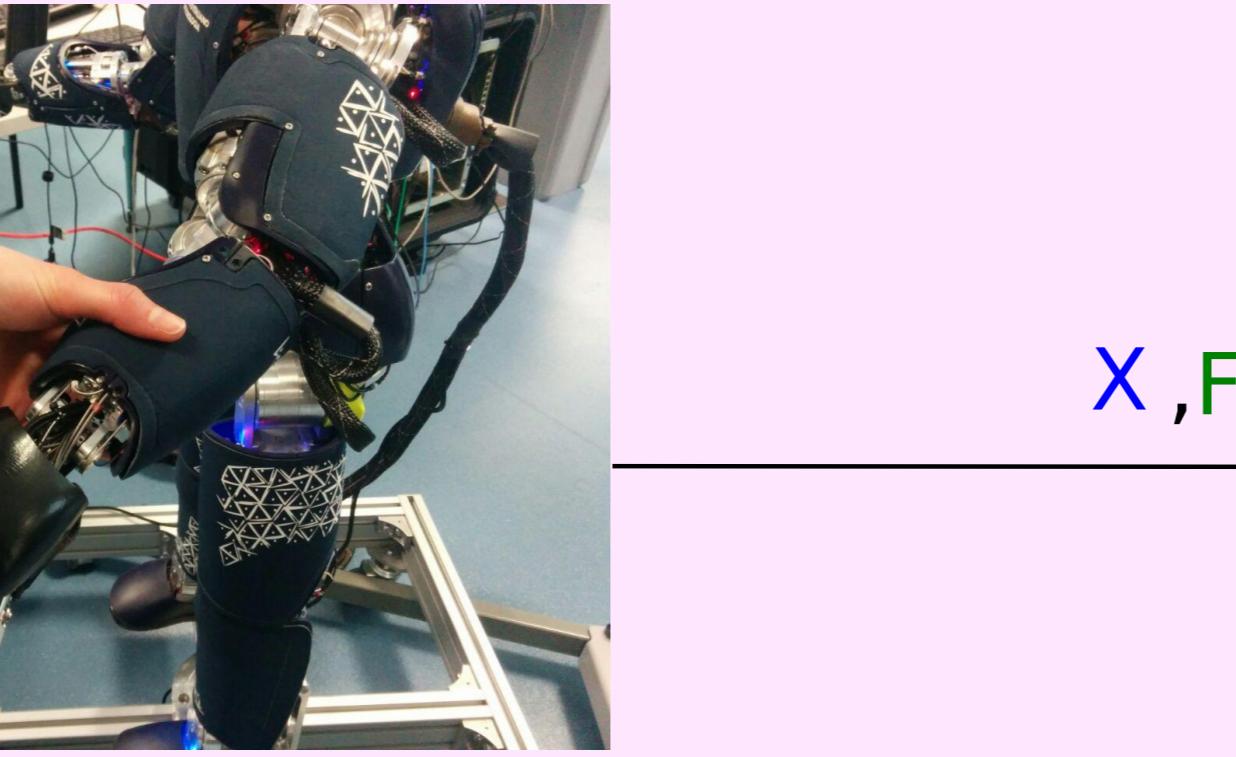
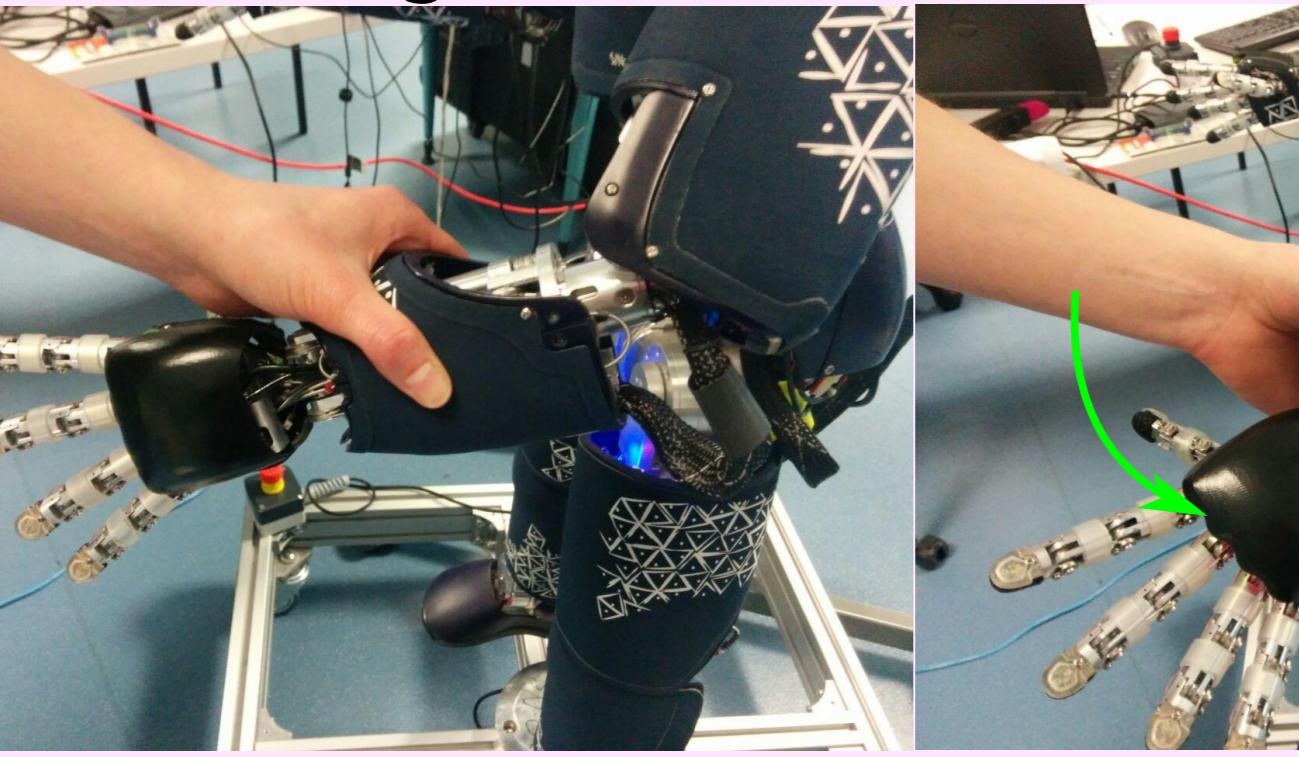


## Training

## Inference

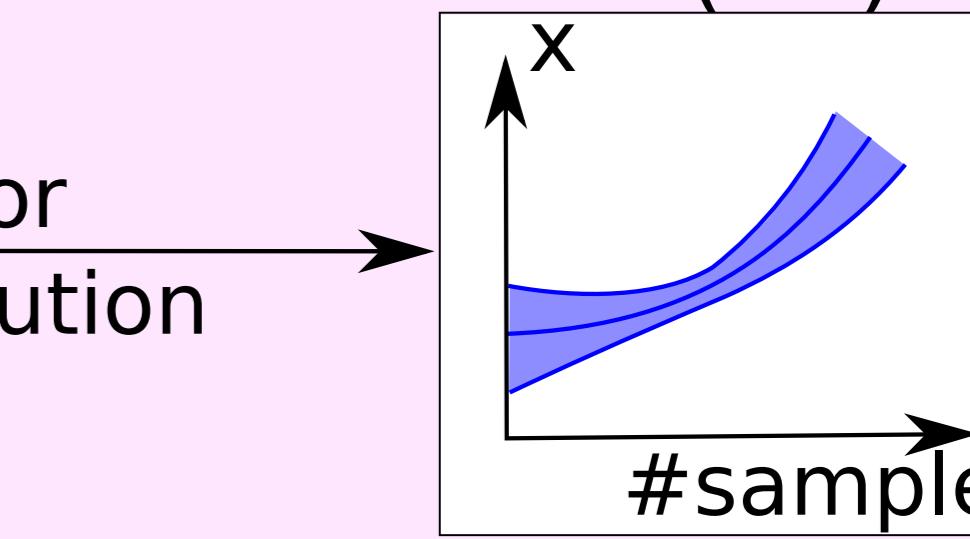
Partner guidance



Model learning  
computing  $\omega \sim N(\mu\omega, \sigma\omega)$

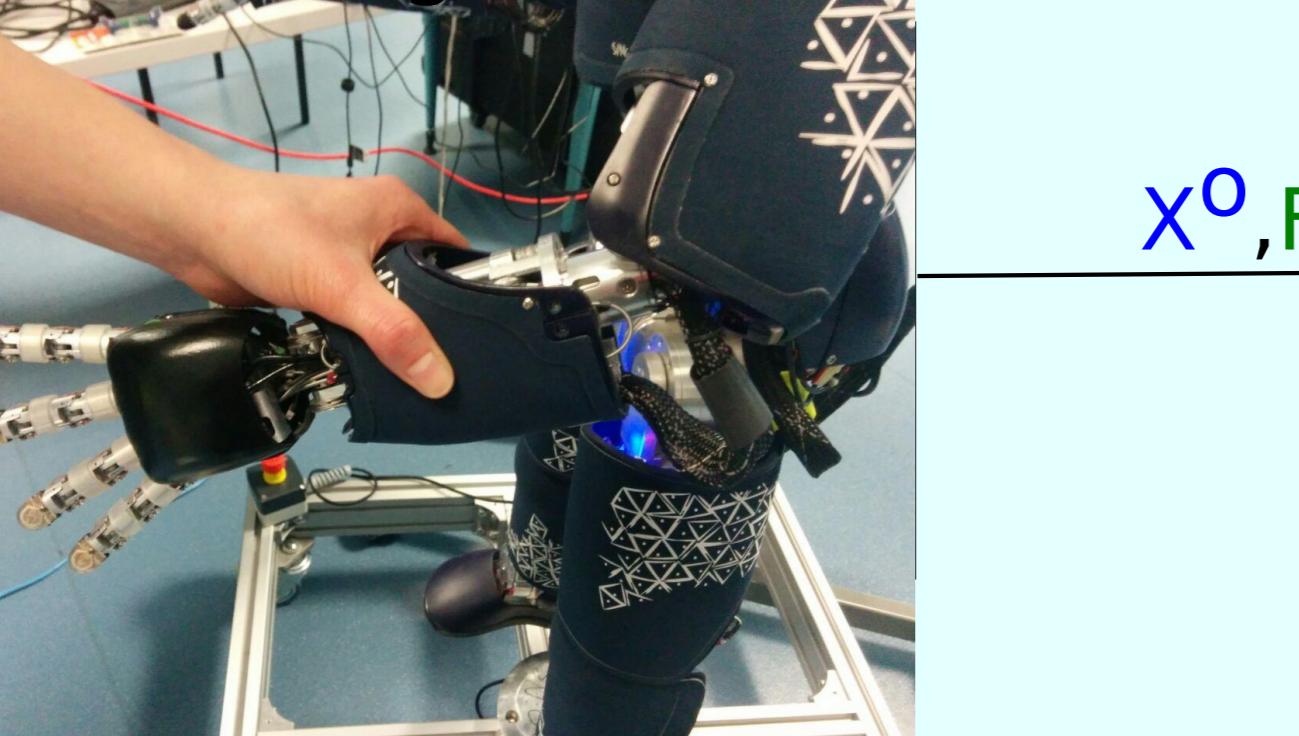
$$\Phi_t^T \begin{bmatrix} \omega_X \\ \omega_F \end{bmatrix} + \epsilon_{X,F}$$

prior distribution

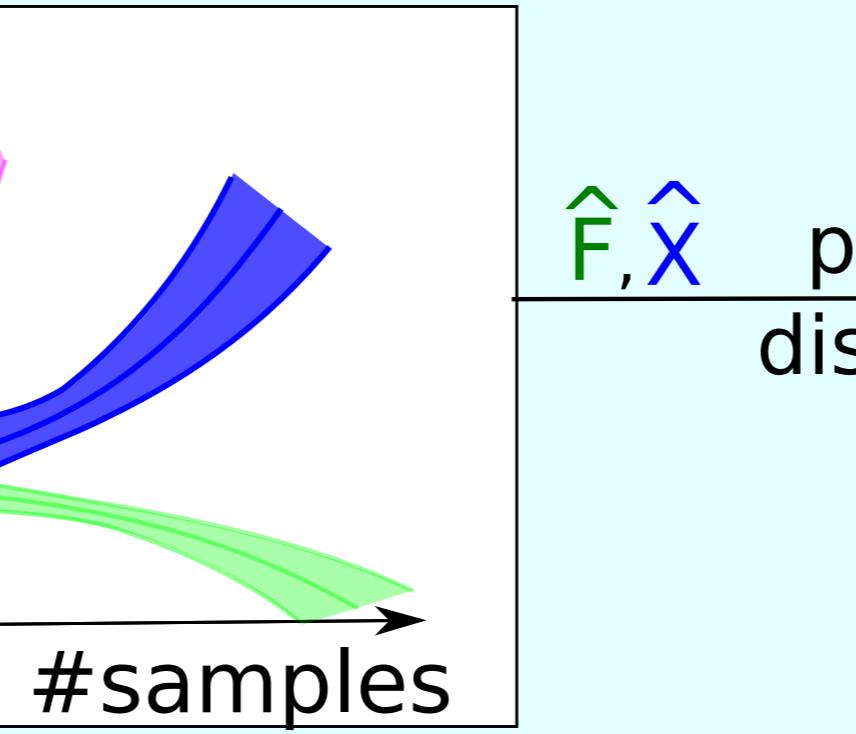


$N$  demonstrations of the whole trajectory

Partner guidance



Distribution recognition



An initiate movement

..... observations  
— recognized ProMP

computing  $\omega^* \sim N(\mu^*\omega, \sigma^*\omega)$

Model update

