







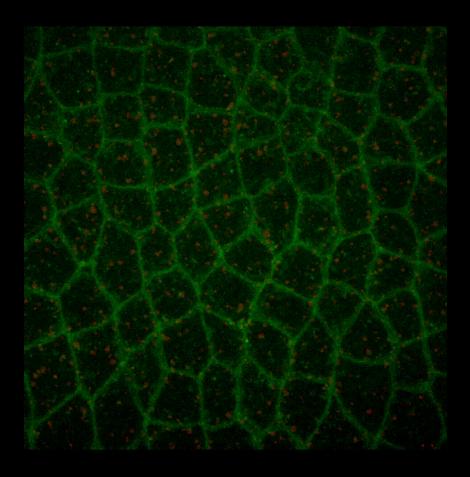




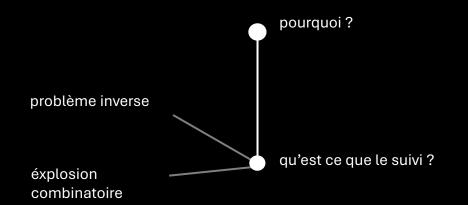
# Suivi des particules à l'échelle nanométrique

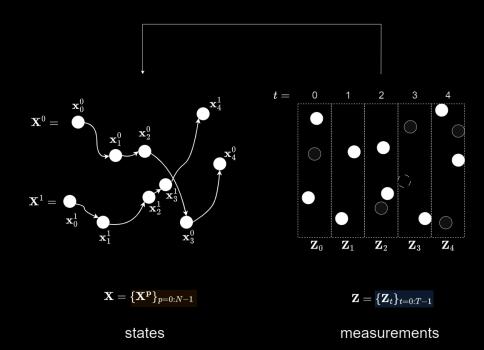
Piyush MISHRA Sup: Philippe ROUDOT

Inst. de Mathématiques de Marseille & Inst. Fresnel (ED 184)

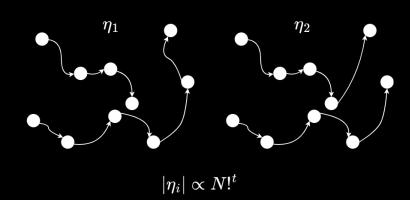


Team Endotrack, Centuri Hackathon 2024

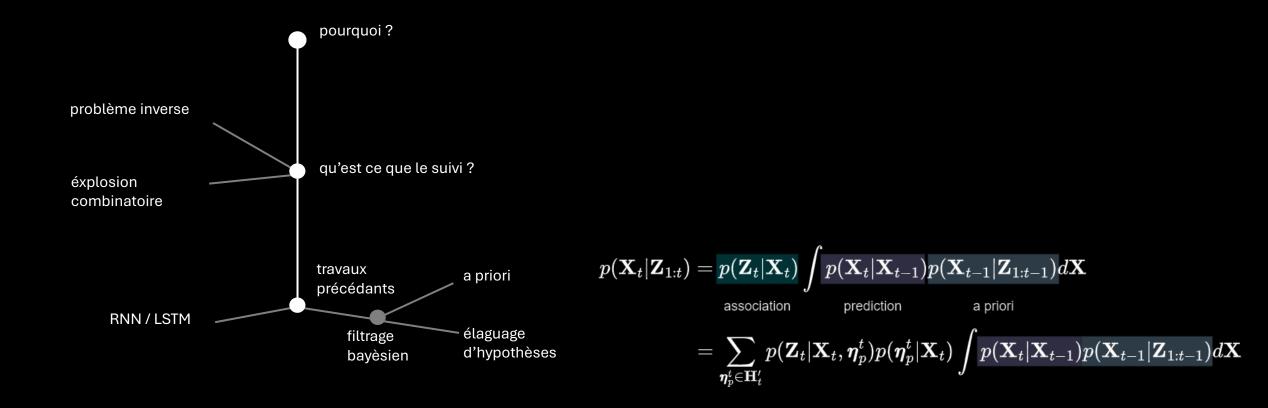


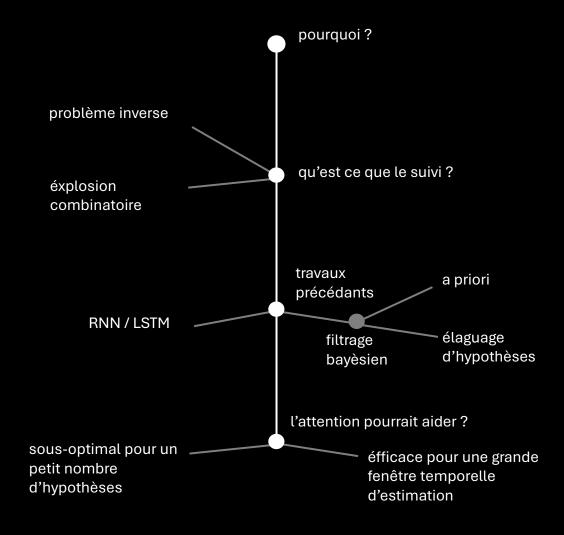


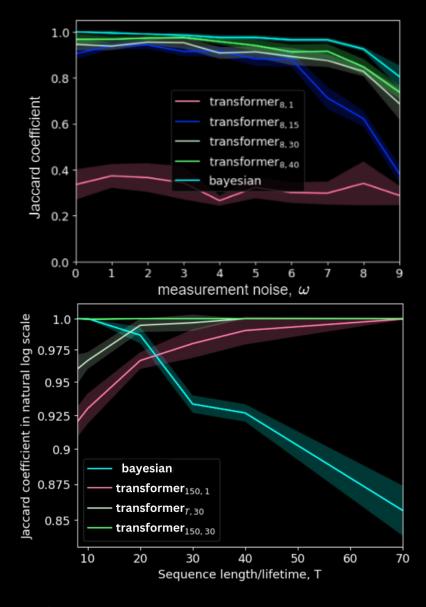
 $\mathbf{Z} = \mathbf{\Lambda} \cdot \mathbf{X} + \epsilon$ 



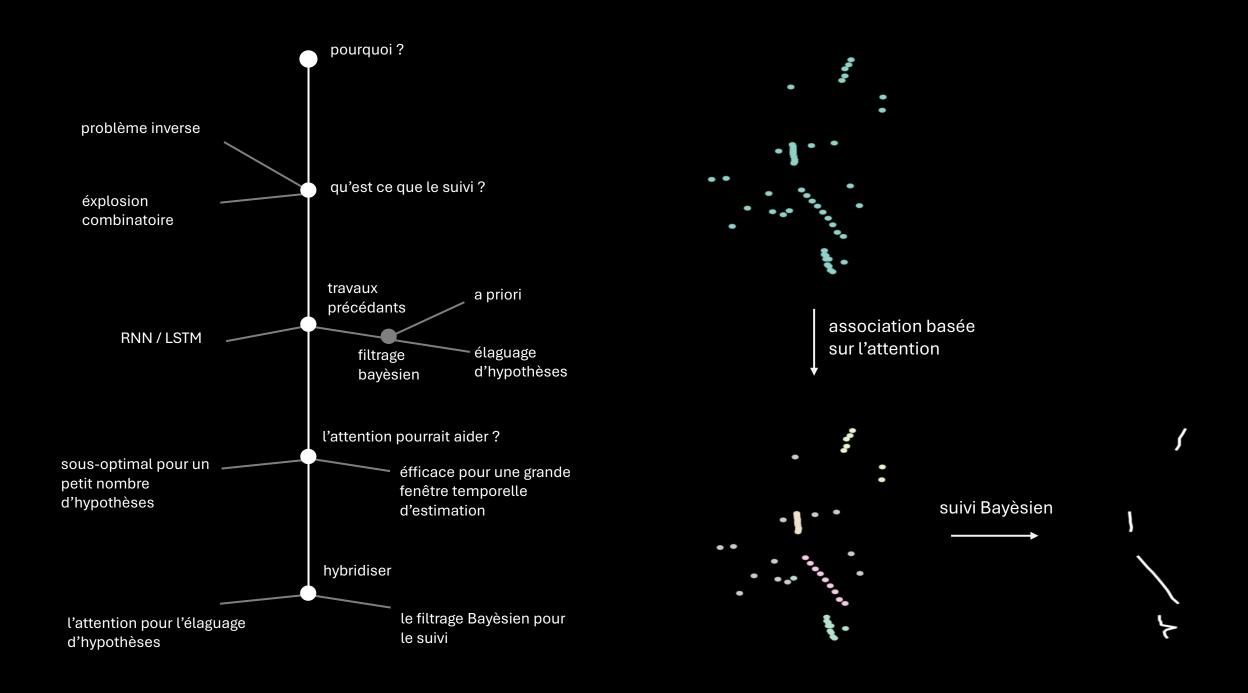
hypotheses



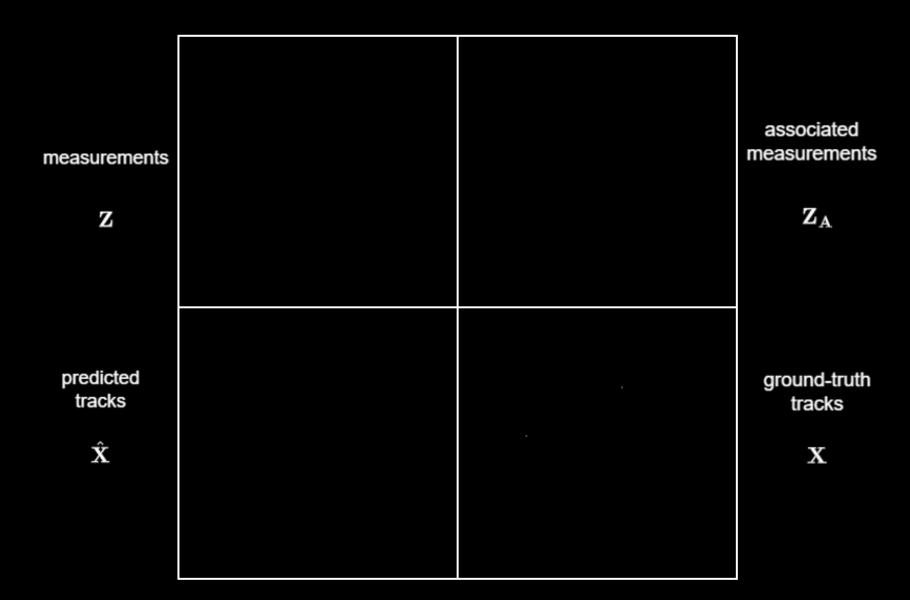




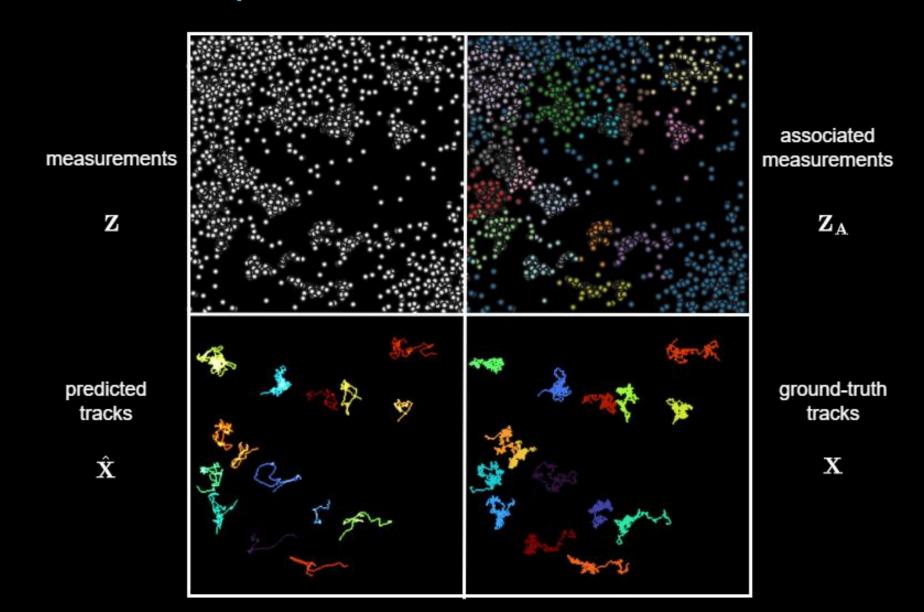
Mishra, Roudot, 2024



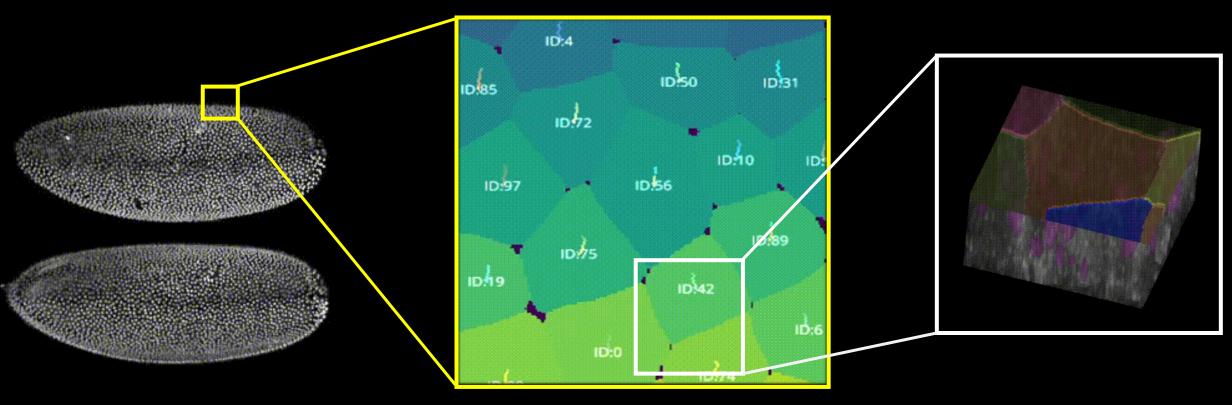
#### Applications: le suivi des particules admettant un mouvement Brownien



#### Applications : le suivi des particules admettant un mouvement Brownien



### Applications: zoomer sur une cellule qui bouge



Images microscopiques des embryons des mouches, C. Collinet, IBDM

Suivi des cellules avec la stratégie hybride Attention-Bayèsienne Région d'interêt stabilisée, Team Endotrack, Centuri Hackathon, 2024













## Merci de votre attention ©