- Question I had..

- For Pfirst hit

$$P_{\text{first hit}} = P_{\text{no hit before t}} \cdot P_{\text{hit at t}} = e^{-\int_{-\infty}^{\infty} \hat{n}_i dt} \cdot (1 - e^{-\hat{n}_i})$$

- From Aart?

$$P = e^{-\int_{-\infty}^{\infty} \hat{n}_i dt} \cdot \hat{n}_i$$