

# Status report

## ◆ Cross section calculation

$$\frac{d^2\sigma^{\Xi_c^+}}{dp_T dy} = \frac{1}{BR} \times \frac{1}{2\Delta y \Delta p_T} \times \frac{f_{prompt} \times N_{raw}^{\Xi_c^+}}{(acc \times \epsilon)_{prompt}} \times \frac{1}{\mathcal{L}_{int}}$$

