Polarisation Effects

Assuming:

- Electron Polarization of 80%
- Positron Polarization of ~ 45% (without loss in $\mathcal{L}$)

$\qquad\qquad\qquad$ (~ 55% with 60% intensity)

Questions:

- For which topics is P_{e+} indispensable?
  Needed from beginning?

- Which accuracy in P_{e-} and P_{e+} is needed?

Process	TDR?	Effects ?	Remarks
Giga Z	$P_{e+} \searrow \mathcal{L}$	$\delta(P_e)$ per mille	
WWγ $\updownarrow$ WWZ		$\delta(P_e) \approx 1\% \gg \delta_{stat}$ $\Rightarrow \delta(P_{e-}) < 0.5\%$ needed	