PolarC(12, 16): DeepPolar trained at Dec\_SNR = 7.0 dB, Enc\_SNR = 8.5dB DeepPolar SC decoder DeepPolar (BLER)  $10^{-1}$ SC decoder (BLER)  $10^{-2}$ Error Rate  $10^{-4}$  $10^{-5}$ 8 9 10 SNR (dB)