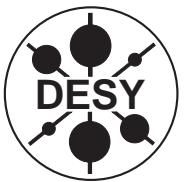


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**Prompt Charmonia Production and Polarization at
LHC in the NRQCD with k_T -Factorization
Part I: $\psi(2S)$ Meson**

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