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Abstract for an Invited Paper for the SES06 Meeting of the American Physical Society

Today at the Tevatron, Tomorrow at the LHC

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This talk will give an overview of the Run2 physics program at the Fermilab Tevatron Collider highlighting recent results from the CDF and D-ZERO Collaborations. Both experiments study proton-antiproton collisions at center-of-mass energies of approximately 2 TeV and are engaged in collecting and analyzing nearly 2 orders of magnitude more data than in the previous Tevatron running periods. Current results in electroweak, top, and new physics studies, as well as prospects for the full Run2 data set will be reviewed. The Large Hadron Collider (LHC) at CERN will soon open a window to explore elementary particle physics at a new, more fundamental scale with proton-proton interactions at center-of-mass energies of 14 TeV beginning in 2008. This discussion will conclude with an introduction to the physics goals for the first run at the LHC.