Weakly disordered absorbing-state phase transitions\textsuperscript{1} JOSÉ HOYOS, Duke University — The effects of quenched disorder on nonequilibrium phase transitions in the directed percolation universality class are revisited. Using a strong-disorder energy-space renormalization group, it is shown that for any amount of disorder the critical behavior is controlled by an infinite-randomness fixed point in the universality class of the random transverse-field Ising models. The experimental relevance of our results are discussed.

\textsuperscript{1}Financial support: NSF