Thaleia Zariphopoulou* (zariphop@math.utexas.edu), 2515 Speedway, Dpt. of Mathematics, The University of Texas at Austin, Austin, TX 78759. Long-term behavior of optimal investments under forward performance criteria.

The long-term behavior of optimal portfolios is examined under time-monotone forward performance criteria. It is shown that in contrast to the classical (backward) paradigm, the spatial and temporal limits of the local risk tolerance function do not coincide. Examples and asymptotic expansions will be discussed for a family of forward processes, and their optimal wealth and portfolio processes. (Received December 08, 2015)