Trajectory 4 with 9 landmarks – errors vs. time – run no. 12 (logarithmic scale) Error PF  $10^{1}$ - Error UPF - Error PFC - Error UPFC - Error PFS Error UPFS  $10^{0}$ Error in m  $10^{-1}$  $10^{-2}$ 20 60 80 100 40 120 140 160 180 200 Time in s