LabView main loop path = interface (MATLAB) // interface subroutine ... // Other computations setpoint = new_setpoint t = tcpip('networkrole', 'server') open(t) write(t,freq,'double') close(t) path = write_config_xml() write_to_log() read_config_xml(path) generate_pulses() send_to_cards() trigger_cards // RUN EXPT trigger_DLD()

