subj.-avg. and eeg-applied CSP components [7-12 Hz] ERD 1 140 ERD 2 ERD 3 CSP filtered EEG, relative amplitude [dB] ERD 4 ERD 5 120 contrast period target period 100 80 60 40 -2000-1500-1000-5000 500 time around response [ms] ERD 1 ERD 2 ERD 3 ERD 4 ERD 5 amplitude (a.u.)