Online LFP & CSD Analysis

mid-term point

GOALS

1. analysis protocol based on LFP & CSD

done

2. real time analysis & visualization

Work in progress

GOALS

1. analysis protocol based on LFP & CSD

2. real time analysis & visualization

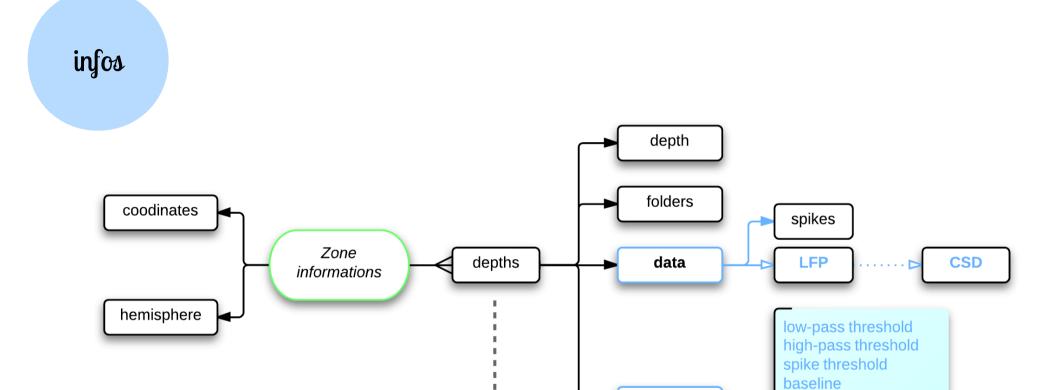
done
I
Work in
Progress

fastest step of the project <- '

at the beginning...

strengths

Access to all data



parameters

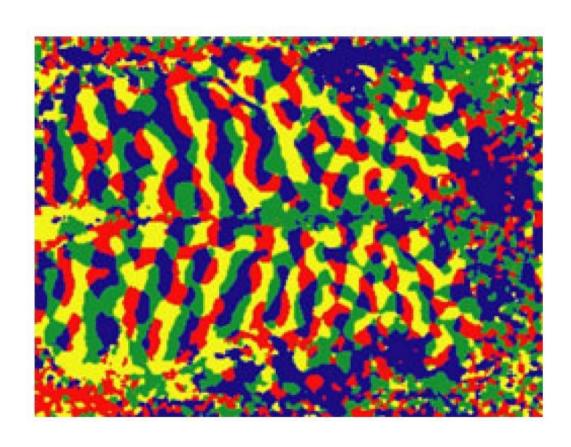
number of conditions

number trials points used stimulation time stimulation points

Work from an orientation map

infos

map



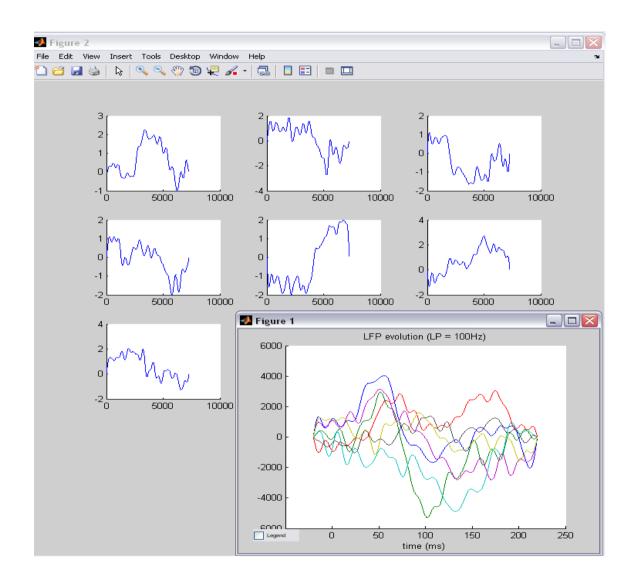
or any other image...

Real-time results analysis & visualization

infos

map

real-time



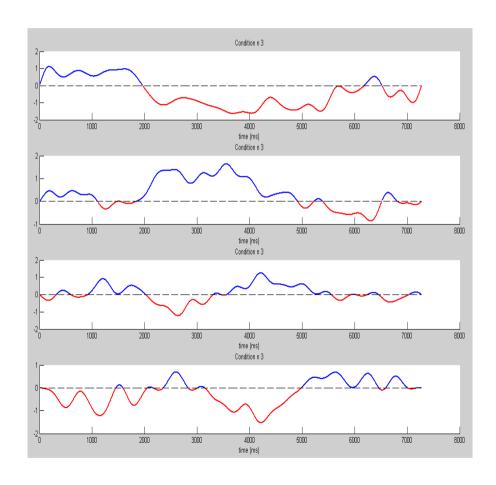
Easy and fast comparisons

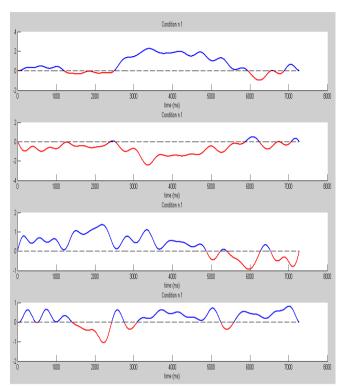
infos

map

real-time

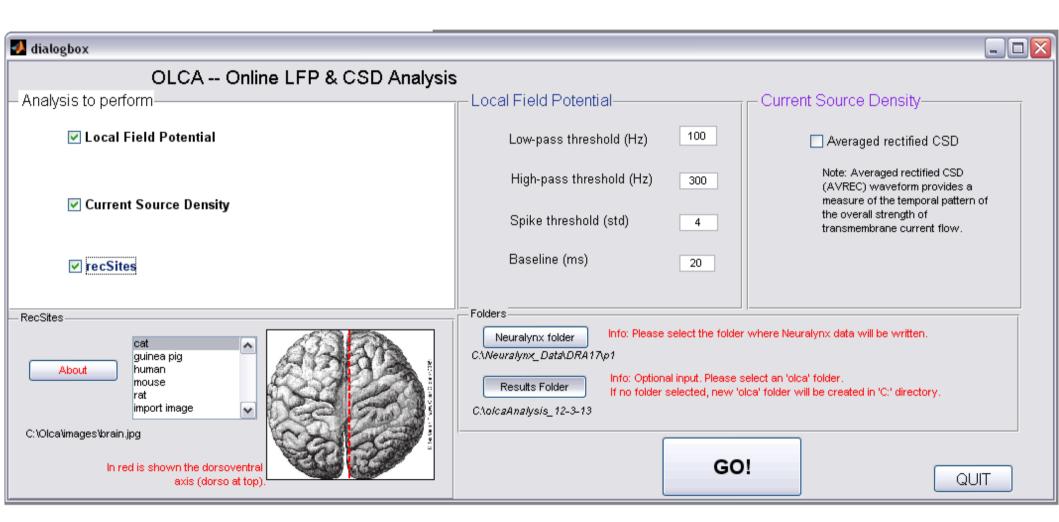
compare



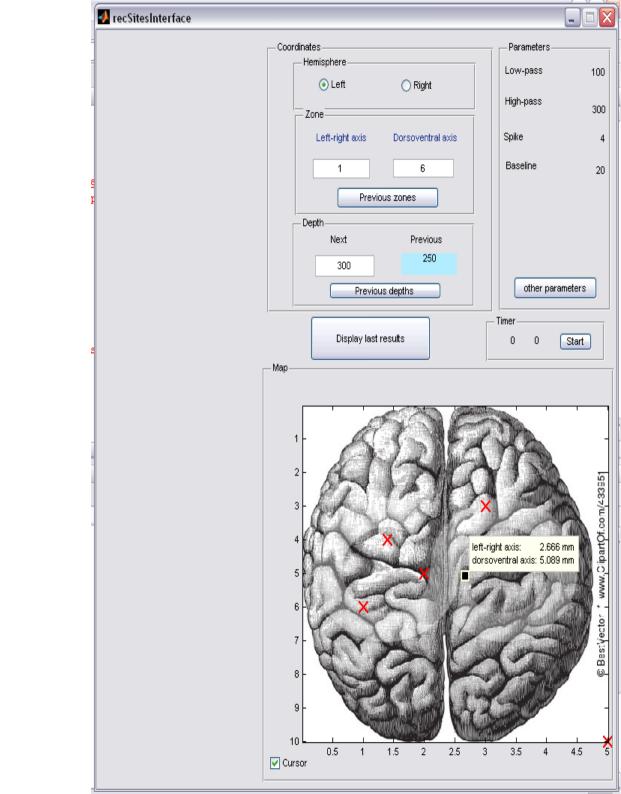


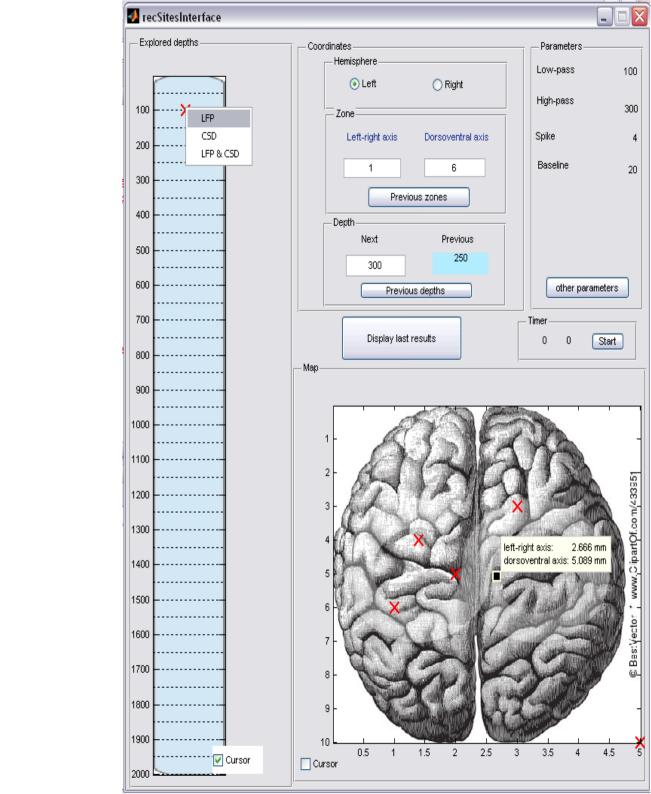
Let's see how it looks

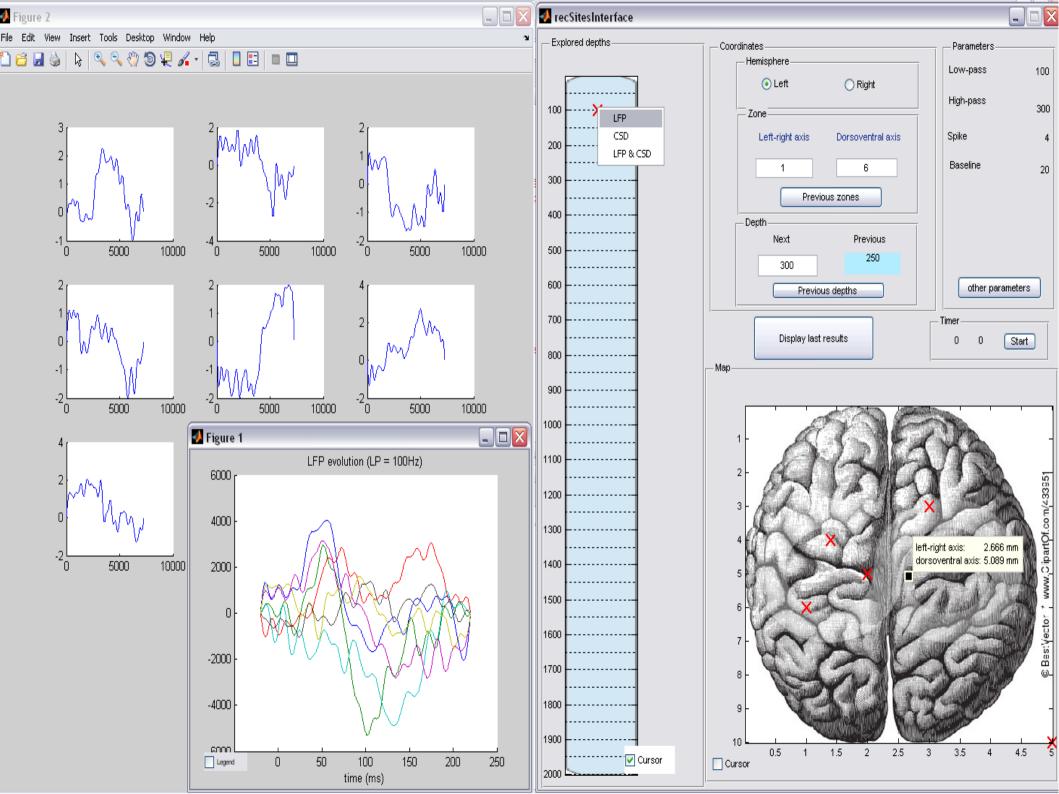
in practice...



Coordinates Hemisphere Left Right Zone Left-right axis Dorsoventral axis Previous Zones Previous depths Timer O Start Map Map Map O Start O Start O Start O Start O Start O O Start	🛂 recSitesInterface	
Left-right axis Depth Next Previous depths Display last results Display last results Timer 0 0 Start 1 2 3 4 5 6 6 7 8 9 9	Hemisphere ORI	Low-pass 100
Previous zones Depth Next Previous Timer 0 0 Start Map 1 2 3 4 5 6 7 8 9		
Display last results Display last results Display last results O Start SEEST/LOO JOHNOI C MAM JOJAN SEE	Depth—Next Pro	evious
2 3 4 5 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Display last results	Timer—
10 L	2 - 3 - 4 - 5 - 6 - 7 - 8 - 7 - 8	

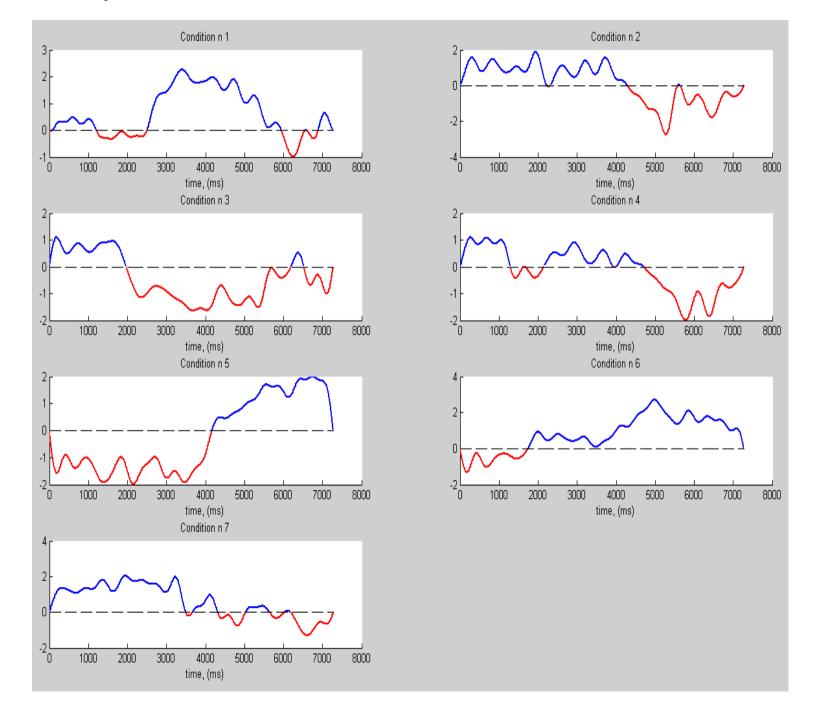


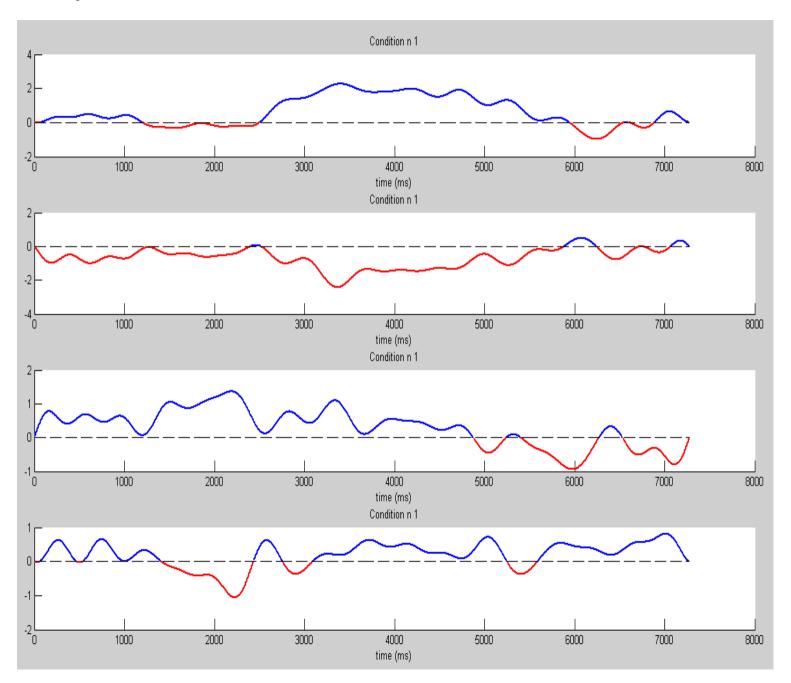


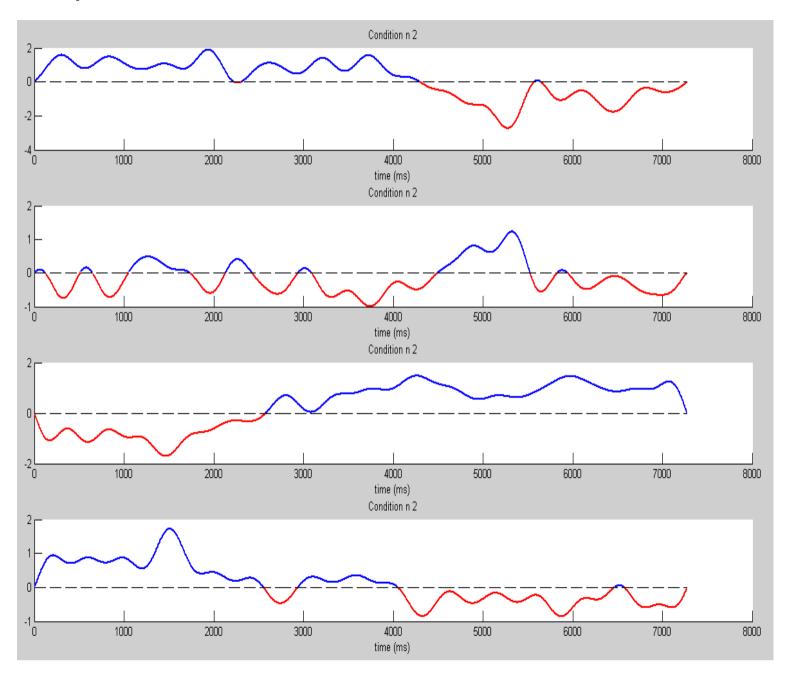


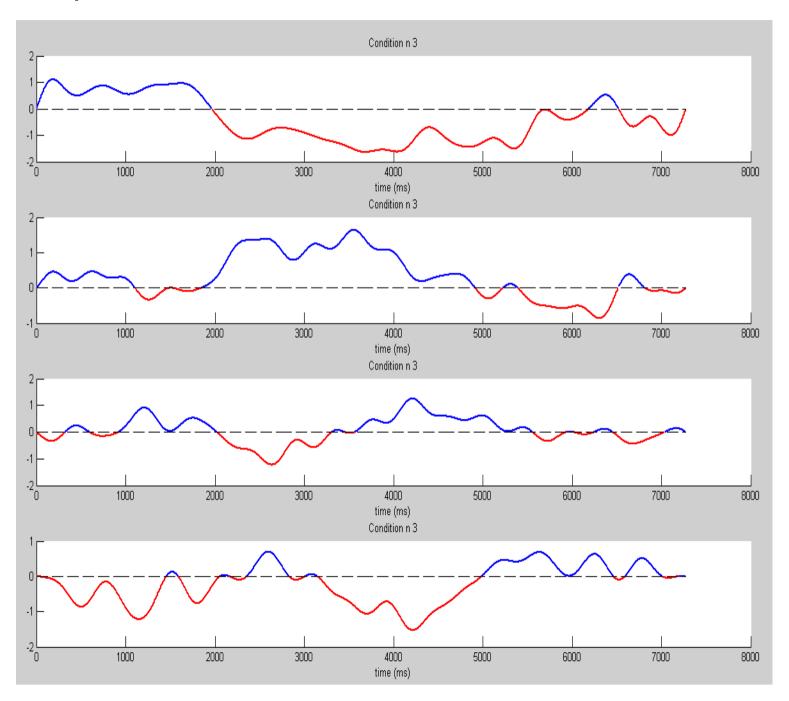
preliminary results

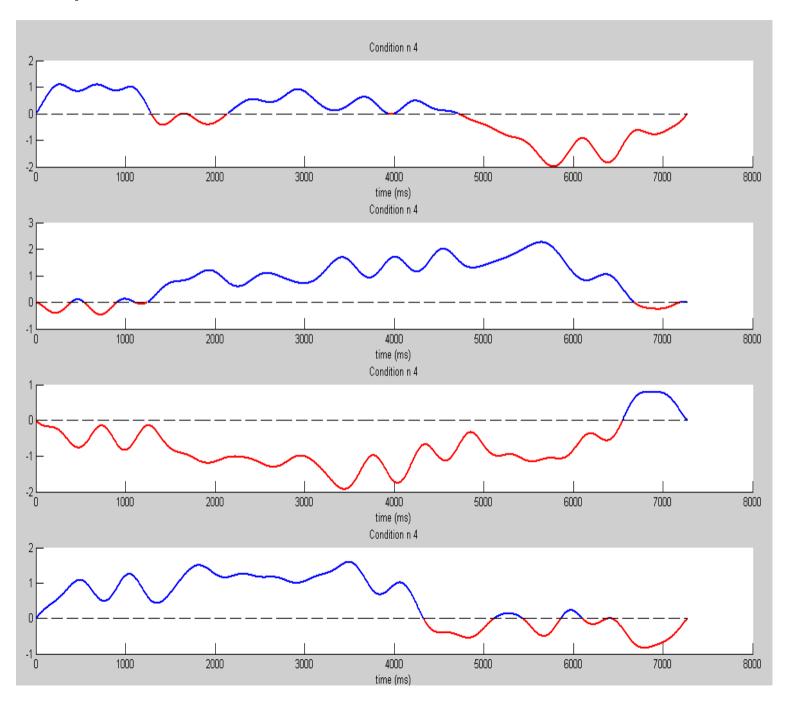
depth 50 micrometers - conditions 1 to 7











COMING SOON

Better Results

Better visualization

Preanalysis

thank you